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RISK BASED ASSESSMENT AND CLOSURE OF GOLF COURSE MAINTENANCE YARD
AND PESTICIDE RINSE AREA NAS FORT WORTH TX

6/18/1998
FANNING, PHILLIPS AND MOLNAR



**NAVAL AIR STATION
FORT WORTH JRB
CARSWELL FIELD
TEXAS**

**ADMINISTRATIVE RECORD
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AR File Number 431

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**RISK-BASED ASSESSMENT AND CLOSURE OF
GOLF COURSE MAINTENANCE YARD (AOC 9) AND
PESTICIDE RINSE AREA (SWMU 58),
AT NAVAL AIR STATION FORT WORTH, JOINT RESERVE BASE,
CARSWELL AIR FORCE BASE, TEXAS**



**Contract No. F41624-95-D-8003-0023
Project No. DDPF 98-8125**

June 1998

**Risk-Based Assessment and Closure of
Golf Course Maintenance Yard (AOC 9) and
Pesticide Rinse Area (SWMU 58),
Carswell Air Force Base, Texas
(CDRL A030)**

Prepared for:

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**Contract No. F41624-95-D-8003-0023
Project No. DDPF 98-8125**

June 18, 1998

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EXECUTIVE SUMMARY

This report presents the Risk-Based Assessment and Closure Report for the Golf Course Maintenance Yard (AOC 9) and Pesticide Rinse Area (SWMU 58) located at the former Carswell Air Force Base (CAF^B), Fort Worth, Texas. Fanning, Phillips and Molnar prepared this report under contract to the Air Force Center for Environmental Excellence, Contract No. F41624-95-D-8003, Delivery Order No. 0023, in support of the U.S. Air Force Installation Restoration Program.

The purpose of this Delivery Order is to provide risk-based closure documentation or determine site-specific contaminant target levels for various solid waste management units (SWMUs) and areas of concern (AOCs) at Carswell AFB, Texas. The initial objective of the closure documentation process is to collect and evaluate existing site data against appropriate risk-based closure criteria and provide conclusions and recommendations.

This report summarizes existing site data and documents that contaminants have been removed or decontaminated to applicable levels. The report documents compliance with the Texas Natural Resource Conservation Commission (TNRCC) Chapter 335 Risk Reduction Standards. Previous data collected at the site was obtained from existing reports prepared for AFCEE in coordination with regulatory agencies. Therefore, the reports are summarized and are not presented in their entirety. However, all relevant data documenting contaminant levels and disposal actions is presented with this report.

The following summarizes the findings of this report:

- The Golf Course Maintenance Yard (AOC 9) and Pesticide Rinse Area (SWMU 58) are located at the former Carswell Air Force Base (CAF^B), Fort Worth, Texas. This site occupies approximately one-half acre and is located on the golf course. The site is currently used, and likely to be used in the future, for golf course maintenance.
- A preliminary investigation identified six impacted areas. These areas were excavated and 380 cubic yards of impacted soil were disposed off-site. Confirmatory sampling indicated (i) metal concentrations in soil samples were below the background levels and (ii) very low levels of chlordane (below residential target levels) were detected in the samples. These residual levels of chlordane are likely due to the routine application of this pesticide.
- Based on the above findings, we recommend closure of the site under Texas Risk Reduction Rules Standard 1 (30 Texas Administrative Code Chapter 335, Subchapter S) with no further action.

INTRODUCTION AND BACKGROUND**1.1 FACILITY DESCRIPTION AND BACKGROUND**

The Golf Course Maintenance Yard (AOC 9) and Pesticide Rinse Area (SWMU 58) are located at the former Carswell Air Force Base, Fort Worth, Texas. Refer to Figure 1-1(a) for location of the Carswell Air Force Base (CAFB). Following is a brief description of the site:

- The site is located north of White Settlement Road on approximately one-half acre of land situated in the middle of a golf course.
- Prior to the Interim Remedial Action (IRA) (Jacobs, 1997), a metal/office storage building, a wooden pole barn, a metal carport used for storage, and an aboveground diesel storage tank were on-site.
- As part of the IRA activities the pole barn was demolished and replaced by the metal carport. A new metal storage building was built adjacent to the existing storage building.
- Groundwater flow at the site is towards the east.
- The site is located on the golf course and is currently used for golf course maintenance. It's future use is most likely to be the same as the current use.

1.2 INTERIM REMEDIAL ACTION (IRA) SUMMARY

This section of the report summarizes the findings of the Final Technical Report for the Interim Remedial Action at the Golf Course Maintenance Yard (Jacobs, 1997). The objectives of the IRA conducted in March 1996 were to (i) conduct soil sampling to determine nature of impacts, (ii) identify the chemicals of concern, and (iii) excavate and remove the impacted soil for off-site disposal. The IRA consisted of a (i) preliminary investigation, (ii) soil excavation, and (iii) confirmatory sampling. A summary of these activities is presented below.

1.2.1 Preliminary Investigation

A visual inspection of the site revealed the following (Jacobs, 1997):

- Stained soil was observed in the pole barn. The nature of the impacted area suggested that a small leak, over an extended period of time, could have caused the stain.
- A 10 to 15 square foot area of brown vegetation was observed on the east side of the metal building.

Ten hand auger borings were advanced at the site as shown in Figure 1-1(b). The following analysis were performed on the samples:

- The drive sampler was advanced 0.5 feet and an undisturbed core sample was obtained. The samples were field screened for Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) and Polyaromatic Hydrocarbons (PAHs) using an immunoassay kit. A HNu Photo Ionization Detector (PID) was used to field screen samples for VOCs.
- Grain size and several other physical characteristics of the soil such as color and sorting were evaluated by visual examination and the samples were analyzed for herbicides (SW 8151) and pesticides (SW 8080).

In all, twenty-three samples from ten borings were laboratory analyzed for herbicides (SW 8151) and pesticides (SW 8080).

1.2.2 Preliminary Investigation: Results and Conclusions

The key findings of the preliminary investigation were:

- PAHs levels from three sample locations (BH-GCM-06, 08, and 10) were above the field detection limit of 1 mg/kg. The maximum concentration measured was 2.9 mg/kg from BH-GCM-06 at a depth of between 1.0 and 1.5 ft bgs.
- BTEX in all samples were below detection levels of 1.4 ppm using the immunoassay kit, with the exception of one sample, BH-GCM-06, which had a concentration of 2.6 ppm at a depth of between 1.0 and 1.5 bgs.

- The soil screening results suggested that the impacts at the stained area are limited to shallow soil.
- Chlordane and dieldrin were measured above detection limits in 18 of 23 samples and 7 of 23 samples respectively between 0.5 and 1.0 ft bgs (refer Table 1-1).
- Herbicides were not detected in any of the samples.
- Six impacted areas were identified based on a combination of visual observation, field screening, and laboratory analytical data. It was decided to excavate the soil in these areas.

1.2.3 Summary of Soil Excavation

The six impacted areas were combined into five excavations. The following are the details of the excavation activities:

- Soil was excavated in five locations using a backhoe to a depth 1 foot below the lowest depth at which chlordane and dieldrin were detected at each location. The maximum depth excavated was 3.5 feet.
- Twenty-two subsamples were collected at 8 to 10 ft intervals along the bases of the soil stockpiles and combined into two stockpile samples. These samples were sent for Toxicity Characteristic Leaching Procedure analyses for chlordane and dieldrin. The only reported constituent was dieldrin at 0.271 micrograms per liter.
- A total of 380 cubic yards were disposed off-site at an approved landfill.
- The excavations were back-filled with clean soil and the surface was finished with either gravel or a concrete slab.

1.2.4 Summary of Confirmatory Sampling

Subsequent to the excavation, six confirmatory samples were collected from the excavation bottom and analyzed for VOCs (SW 8240), SVOCs (SW 8270), TPH (418.1), pesticides (SW 8080), herbicides (SW 8151), and metals (SW 6010 and SW 7000 series).

Confirmatory sample locations are shown in Figure 2-1. Results of confirmatory sampling and background concentrations are presented in Table 2-1. The key findings were:

- VOCs (SW 8240), SVOCs (SW 8270), and herbicides (SW 8151) were below detection limits in all samples.
- Concentration of metals in all samples were below background levels. Concentrations measured in samples TP-GCM-04K and TP-GCM-06K were averaged since they were collected from one excavation, about 30 ft apart.
- Chlordane was measured at 0.045 mg/kg and 0.044 mg/kg in samples TP-GCM-8K and TP-GCM-9K. Other pesticides (SW 8080) were below detection limits.
- TPH concentrations were above the detection limit of 10 mg/kg at 4 of 6 locations. The highest concentrations of 54 mg/kg and 21 mg/kg were identified at sample locations TP-GCM-08K and TP-GCM-09K respectively.

Copies of the chain-of-custody documentation and analytical data from the IRA are presented in Appendices A and B, respectively.

1.2.5 Soil Disposal

A total of 380 cubic yards were disposed off-site by Laidlaw Waste Systems Inc. at their Turkey Creek Landfill site at Alvarado, Texas. Copies of the disposal manifests are presented in Appendix C.

1.2.6 EPA Comments and Response

The United States Environmental Protection Agency (EPA) Region 6 office reviewed the Final Technical report for the IRA at the Golf Course Maintenance Yard. Their review comments were submitted to the TNRCC and AFCEE in a September 23, 1997 letter. A copy of the letter and a response to the comments are presented in Appendix D.

1.3 APPLICATION OF RISK REDUCTION STANDARD 1 (RR1)

The attainment of RR1 standards requires the excavation and removal or decontamination of all impacted media and solid waste management units (SWMU) at the site. Additionally, measured concentrations of all chemicals of concern should be below their respective practical quantitative limits (PQLs) or the background concentrations in the confirmatory samples.

As mentioned in Section 1.2.4, subsequent to the excavation, the VOCs, SVOCs, and herbicides were below detection limits in all the samples and concentrations of the metals were generally below the background levels. Chlordane concentrations exceeded the PQLs but the concentrations are well below the lowest Risk Reduction Standard of 0.2 mg/kg (protective of groundwater) for the most sensitive (residential) land use. The concentrations detected are typical of residual levels in areas where pesticides are routinely applied. Based on the above we recommend that the site be closed under RR1 Standards with no further action.

CONCLUSIONS AND RECOMMENDATIONS

Following are the key findings of the risk evaluation:

- Significant investigation has been performed at the site.
- The impacted areas have been identified, soils excavated and disposed off-site. Confirmatory sampling was conducted at the site to determine post-excavation concentrations of chemicals of concern.

Confirmatory sampling indicates the concentrations to be within the RR1 standards and the site should be closed with no further action.

REFERENCES

Texas Water Commission, May 1993. Risk Reduction Rules. Chapter 335. Industrial Solid Waste and Municipal Hazardous Waste, Subchapter S – Risk Reduction Standards.

USEPA, 1995. Draft Soil Screening Guidance: Issues Document.

Site Specific Documents

Jacobs Engineering Group, Inc., March 1997. Interim Remedial Action at the Golf Course Maintenance Yard. Technical Report. NAS Fort Worth JRB, Texas.

Jacobs Engineering Group, Inc., January 1998. Basewide Background Study. Final Report. NAS Fort Worth JRB, Texas.

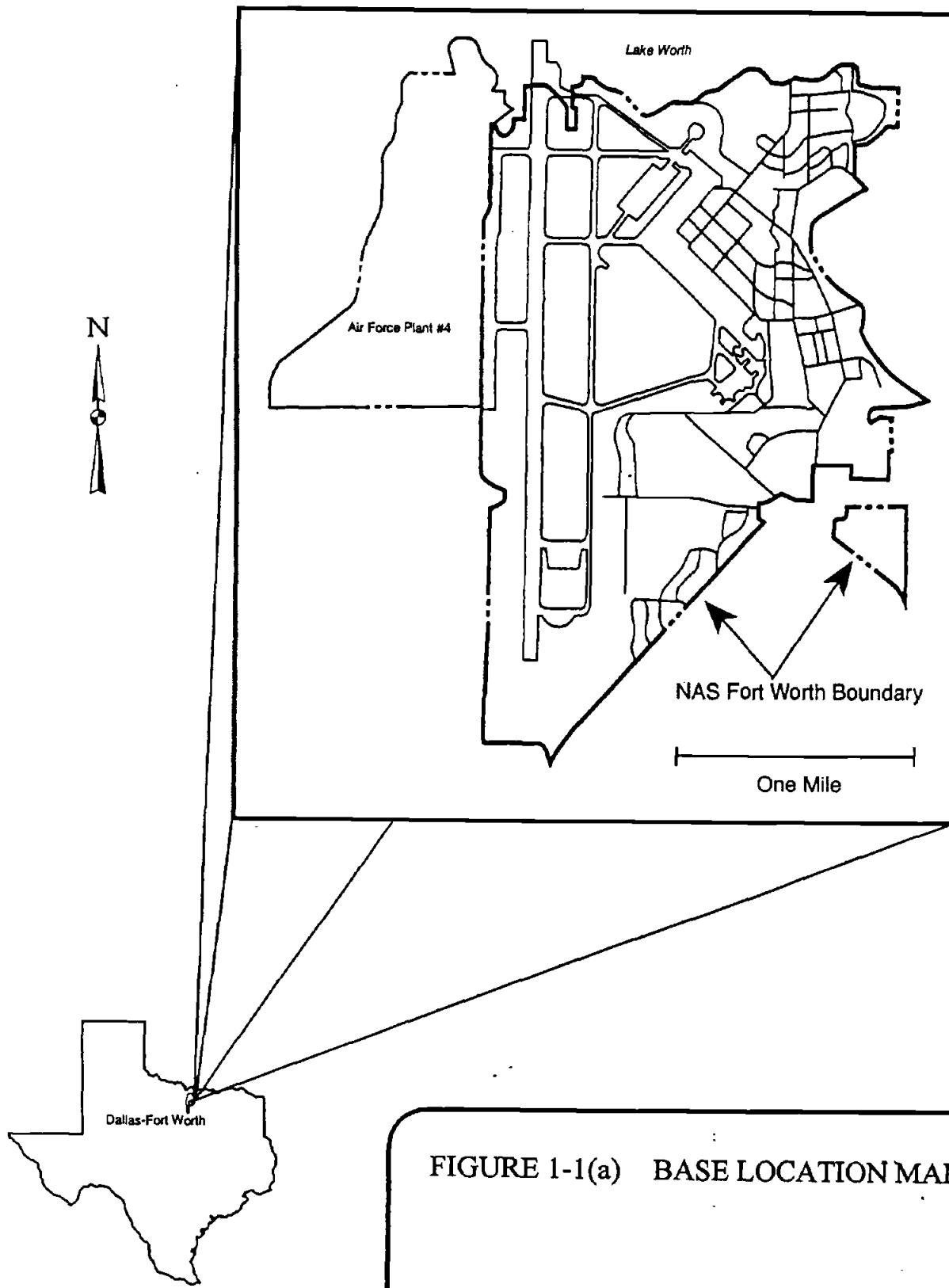
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Figures

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FIGURES



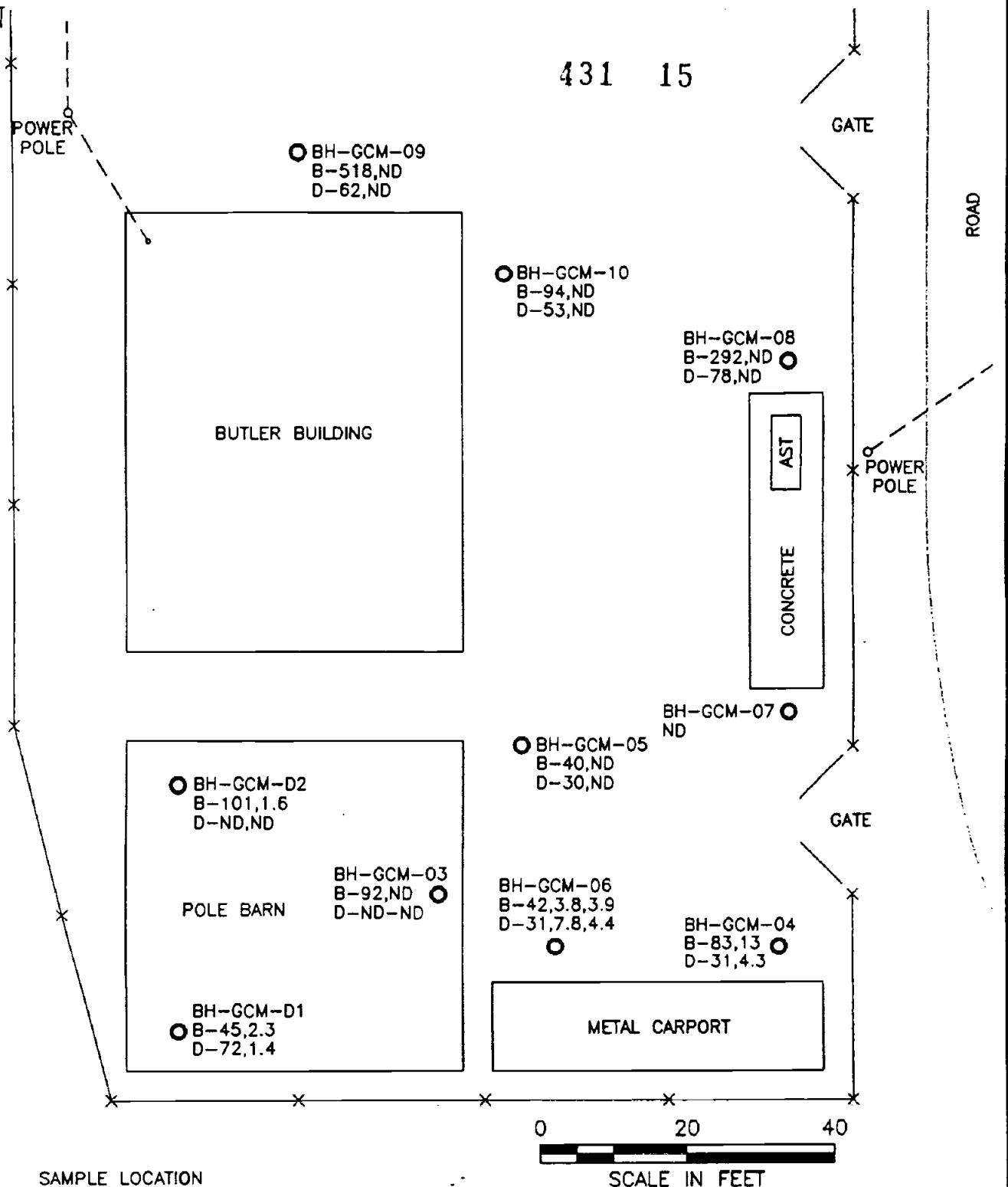
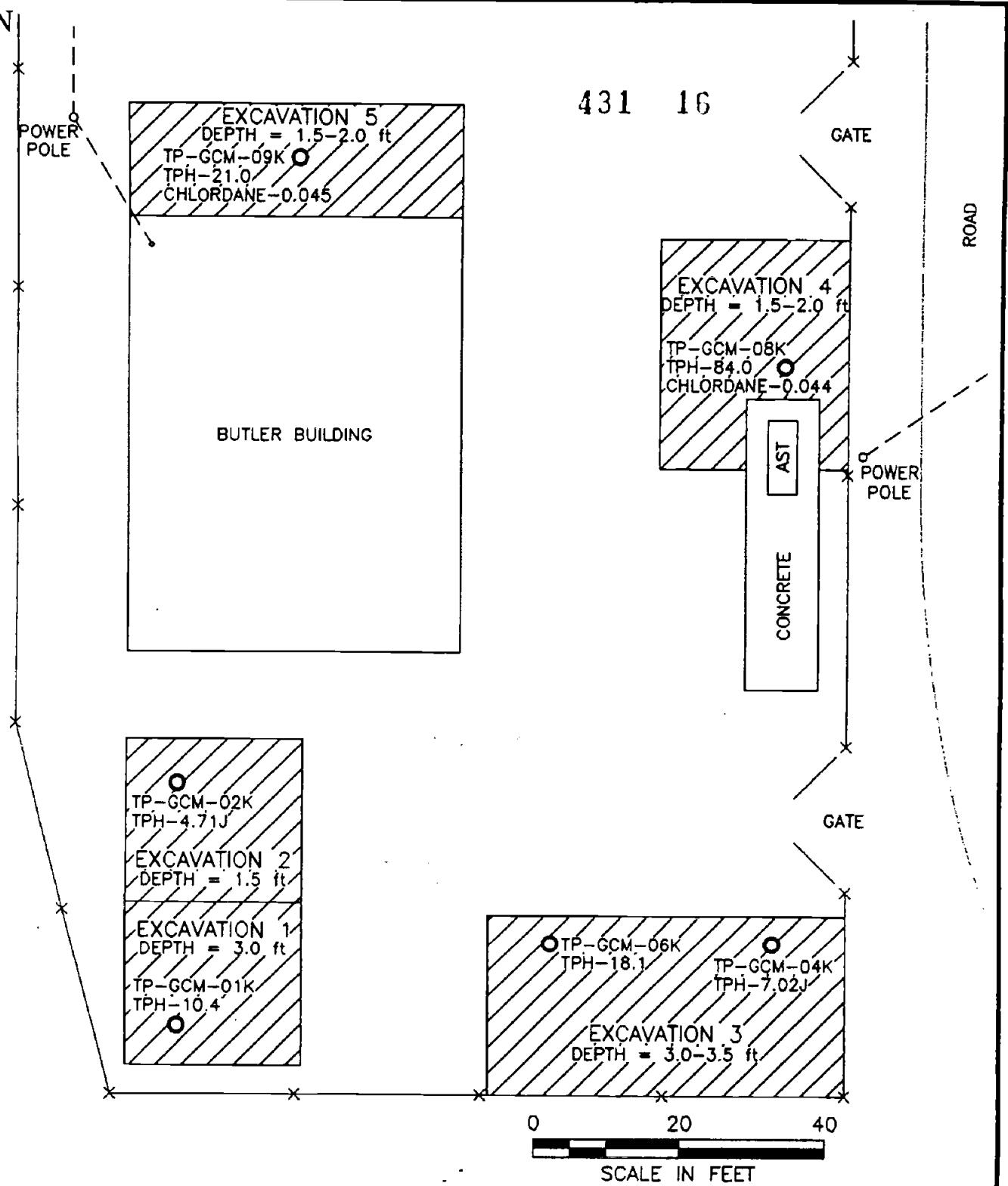


FIGURE 1-1(b)
**BORING AND IMMUNOASSAY LOCATIONS
AND PESTICIDE RESULTS FROM PRELIMINARY
INVESTIGATION**



LEGEND:

T—GCM-01K

○ SAMPLE LOCATION

TPH - TOTAL PETROLEUM HYDROCARBONS

C RDANE - CHLORDANE CONCENTRATIONS

NOTES:

ALL CONCENTRATIONS ARE IN mg/kg. EXCEPT AS NOTED.

NON-DETECTED COMPOUNDS ARE NOT SHOWN.

FIGURE 2-1

CONFIRMATORY SAMPLING LOCATIONS
AND RESULTS FOR CHLORDANE AND TPH

PROJ. MGR. L. SCHUETTER	ACAD FILE NO. FIG52-1	FIGURE NO. 5.2-1
DRAWN BY J. HUNTER	PROJ. NO. 10-K-70200	DATE 7/30/96

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TAB

Tables

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TABLES

TABLE 1-1
CONCENTRATIONS DETECTED AT SWMU-58 AND AOC-9
PRIOR TO EXCAVATION

Sample ID	Date Sampled	Depth (ft)	Chlordane (mg/kg)	Dieldrin (mg/kg)	PAHs (ppm)
BH-GCM-01	3/12/96	0.5 - 1.0	0.045	0.0023	ND
		1.5 - 2.0	0.072	0.0014	ND
BH-GCM-02	3/12/96	0.5 - 1.0	0.101	0.0016	ND
		1.5 - 2.0	<0.020	<0.020	ND
BH-GCM-03	3/12/96	0.5 - 1.0	0.092	<0.020	ND
		1.0 - 1.5	<0.020	<0.020	ND
		1.5 - 2.0	<0.020	<0.020	ND
BH-GCM-04	3/12/96	0.5 - 1.0	0.083	0.013	ND
		1.5 - 2.0	0.031	0.0043	ND
BH-GCM-05	3/12/96	0.5 - 1.0	0.04	<0.020	ND
		1.5 - 2.0	0.03	<0.020	ND
BH-GCM-06	3/12/96	0.5 - 1.0	0.042	0.0038	2.9
		1.5 - 2.0	0.031	0.007	1.6
BH-GCM-07	3/12/96	0.5 - 1.0	<0.020	<0.020	ND
		1.5 - 2.0	<0.020	<0.020	ND
BH-GCM-08	3/12/96	0.5 - 1.0	0.292	<0.020	1.7
		1.5 - 2.0	0.078	<0.020	ND
		1.5 - 2.0	0.158	<0.020	ND
BH-GCM-09	3/12/96	0.5 - 1.0	0.518	<0.020	ND
		0.5 - 1.0	0.219	<0.020	ND
		1.5 - 2.0	0.062	<0.020	ND
BH-GCM-10	10/31/96	0.5 - 1.0	0.094	<0.020	1.3
		1.5 - 2.0	0.053	<0.020	ND

Note: Chlordane and dieldrin were laboratory analyzed (SW 8080)

PAHs were field screened using an immunoassay kit

TABLE 2-1
**CONCENTRATIONS DETECTED IN SWMU-58 AND AOC-9 AFTER SOIL EXCAVATION
 COMPARED TO BACKGROUND LEVELS**

Sample ID	Date Sampled	Depth (ft)	Aluminum (mg/kg)	Arsenic (mg/kg)	Barium (mg/kg)	Beryllium (mg/kg)	Cadmium (mg/kg)	Calcium (mg/kg)	Cobalt (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Iron (mg/kg)
TP-GCM-01K	4/30/96	3	455	0.441	5.04	<0.06	<0.9	3360	1.51	<1	1.01	3520
TP-GCM-02K	4/30/96	1.5	617	0.197	5.7	<0.06	<0.9	5520	1.1	<1	<0.7	3740
TP-GCM-04K	5/3/96	3.0 - 3.5	<5	0.981	19.2	0.446	0.033	<2	2.45	4.46	1.34	<1
TP-GCM-06K	5/3/96	3.0 - 3.5	<5	0.876	30.9	0.773	0.052	<2	6.96	5.8	5.41	<1
<i>Mean 04K & 6K*</i>				0.929	25.05	0.610	0.0425	<2	4.71	5.13	3.38	<1
TP-GCM-08K	5/3/96	1.5 - 2.0	<5	1.23	40.9	0.448	0.101	<2	2.35	6.61	1.01	<1
TP-GCM-09K	5/3/96	1.5 - 2.0	<5	1.31	71.8	0.438	0.066	<2	1.86	6.68	<0.7	<1
Background Surface			22035	5.85	233	1.02	0.5562	167738	11.05	25.86	17.373	17717
Background Subsurface			20260	6.58	128.1	1.13	0.5891	272000	6.191	16.31	13.72	17469

Sample ID	Date Sampled	Depth (ft)	Potassium (mg/kg)	Magnesium (mg/kg)	Manganese (mg/kg)	Sodium (mg/kg)	Nickel (mg/kg)	Lead (mg/kg)	Silver (mg/kg)	Selenium (mg/kg)	Vanadium (mg/kg)	Zinc (mg/kg)
TP-GCM-01K	4/30/96	3	ND	105	44.1	30.9	1.51	0.87	<1	<4	<0.8	5.42
TP-GCM-02K	4/30/96	1.5	116	130	25.4	25.2	1.42	1.31	<1	0.142	<0.8	4.93
TP-GCM-04K	5/3/96	3.0 - 3.5	<100	<3	<0.2	<5	6.8	6.24	<1	<4	9.92	13.2
TP-GCM-06K	5/3/96	3.0 - 3.5	<100	<3	<0.2	<5	20.1	6.18	<1	<4	10.2	34.1
<i>Mean 04K & 6K*</i>	5/3/96	1.5 - 2.0	<100	<3	<0.2	<5	13.45	6.21	<1	<4	10.06	23.65
TP-GCM-08K	5/3/96	1.5 - 2.0	<100	<3	<0.2	<5	3.81	6.16	<1	<4	7.85	7.29
TP-GCM-09K	5/3/96	1.5 - 2.0	<100	<3	<0.2	<5	3.72	5.91	<1	<4	17.2	11
**Background Surface		2895	3003	849.1	37300	14.6	30.97	0.213	0.907	46.26	38.8	
**Background Subsurface		1717	2420	351.7	52200	19.76	12.66	0.1277	0.313	37.39	31.27	

Note: Herbicides VOCs and SVOCs may be present in any sample.

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measurement exceeds relevant background concentration

TMK and TFCM-XR were measured since they are from the same generation

as "Jacobs Engineering March 1998 Baseline Backaround Study Final Report NAS Fort Worth TBB Tavares

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TAB

Appendix A

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APPENDIX A
CHAIN-OF-CUSTODY FORMS

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CHAIN OF CUSTODY RECORD

USE A BALLPOINT PEN, BLACK INK, AND PRESS FIRMLY. INSTRUCTIONS ARE ON THE BACK

PROJECT NAME: NASFW Golf Course						LABORATORY NAME & ADDRESS: CORTES				
PROJECT NUMBER: 10K70200						DALLAS TX				
WBS CODE:		SUBCONTRACT / D.D. No.								
SAMPLE NUMBER	COLLECTION		SAMPLER'S INITIALS	NUMBER OF CONTAINERS	CONTAINER SIZE AND TYPE	PRESERVATIVE	MATRIX CODE	ANALYSES REQUESTED	QC	CONDITION ON RECEIPT
	DATE	TIME								
1 CR-A155801	4/30/96	1535	PAS	1	1-4 oz.	none	S	SW8240		
2 CR-A155802	4/30/96	1535	PAS	1	1-8 oz.	none	S	SW8270		
3 CR-A155803	4/30/96	1535	DDS	1	1-4 oz.	none	S	E418.1		
4 CR-A155804	4/30/96	1535	DDS	1	1-4 oz.	none	S	SW8080		
5 CR-A155805	4/30/96	1535	DDS	1	1-4 oz.	none	S	SW8150		
6 CR-A155806	4/30/96	1535	PDS	1	1-8 oz.	none	S	METALS - SEE COMMENTS *		
7 CR-A155807	4/30/96	1550	PAS	1	1-4 oz.	none	S	SW8240		
8 CR-A155808	4/30/96	1550	DDS	1	1-8 oz.	none	S	SW8270		
9 CR-A155809	4/30/96	1550	DDS	1	1-4 oz	none	S	E418.1		
COMMENTS: * SW6010, SW7040-Sb, SW7060-As, SW7060-As, SW7130Cd, SW7421-Pb, SW7471-Hg, SW7520-Ni, SW7740-Se, SW7760-Ag										
COLLECTED & RELEASED BY			DATE	TIME	TURNAROUND TIME					
Dim Schmitz			4/30/96	16:40						
RECEIVED BY			DATE	TIME	RElinquished BY		DATE		TIME	
Z			4/30/96	16:40	Z		4/30/96		17:30	
RECORD RETURNED BY			DATE	TIME						
SHIPPING NUMBER: 96-0898										

DISTRIBUTION: WHITE - PROJECT FILE / CANARY - LAB RECEIPT / PINK - DATA MANAGEMENT / GOLDENROD - FIELD

96-0898

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JACOBS ENGINEERING GROUP INC.
600 SEVENTEENTH STREET, SUITE 1100N DENVER, COLORADO 80202
TELEPHONE (303) 595-8856 FAX (303) 595-8857

CR-A1113

CHAIN OF CUSTODY RECORD

USE A BALLPOINT PEN, BLACK INK, AND PRESS FIRMLY. INSTRUCTIONS ARE ON THE BACK

PROJECT NAME: WAS PW UST and Golf Course					LABORATORY NAME & ADDRESS: Terres Environmental Laboratories					
PROJECT NUMBER: 10K70200					2209 Wisconsin Street, Suite 200					
WBS CODE:		SUBCONTRACT / D.O. No.			Dallas, Texas 75229					
SAMPLE NUMBER	COLLECTION		SAMPLER'S INITIALS	NUMBER OF CONTAINERS	CONTAINER SIZE AND TYPE	PRESERVATIVE	MATRIX	ANALYSES REQUESTED	QC	CONDITION ON RECEIPT
	DATE	TIME								
-1C	CR-A 111301	5/3/96	1610	MPS	1	4' Steel PDS 40.1 VOC	4°C HCl	SW SW8240		
-11	CR-A 111302	5/3/96	1610	PDS	1	4' Steel PDS 1-L lumber	4°C	SW SW8080		
-17	CR-A 111303	5/3/96	1610	PDS	1	4' Steel PDS 1-L lumber	4°C	SW SW8150 SW8273 SW8274 SW8275		
13	CR-A 111304	5/3/96	1610	PDS	2	4' Steel Soil plus. HNDs	4°C	SW SW6010 SW7040 SW7060 SW7130 SW7421 SW7471 SW7520 SW7740 SW7760 *		
-1Y	CR-A 111305	5/3/96	1610	PDS	1	1-L lumber	4°C	W SW8270		
+5	CR-A 111306	5/3/96	1610	PDS	1	1-L lumber	4°C HCl	W E4IE.1		
COMMENTS: SW6010 for the following: Ba, Be, Cr, Co, Cu, Ti, V, Zn only										
COLLECTED & RELEASED BY <i>D. S. J.</i>			DATE 5/3/96	TIME 16:30	TURNAROUND TIME					
RECEIVED BY			DATE 1/1	TIME :	RELINQUISHED BY			DATE 1/1	TIME :	
<i>SPM</i>			5/3	5:30	96 - CR 18					
RECORD RETURNED BY			DATE 1/1	TIME :	SHIPPING NUMBER:					

DISTRIBUTION: WHITE - PROJECT FILE / CANARY - LAB RECEIPT / PINK - DATA MANAGEMENT / GOLDENROD - FIELD

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CR-A1112



CHAIN OF CUSTODY RECORD

USE A BALLPOINT PEN, BLACK INK, AND PRESS FIRMLY. INSTRUCTIONS ARE ON THE BACK

PROJECT NAME: BAS FW DST and Golf Course					LABORATORY NAME & ADDRESS: Certes Environmental Laboratories			
PROJECT NUMBER: 10X70200					2209 Wisconsin Street, Suite 200			
WBS CODE:		SUBCONTRACT / D.O. No.			Dallas, Texas 75229			
SAMPLE NUMBER	COLLECTION		SAMPLER'S INITIALS	NUMBER OF CONTAINERS	CONTAINER SIZE & TYPE	PRESERVATIVE	MATRIX CODE	ANALYSES REQUESTED
	DATE	TIME						CONDITION ON RECEIPT
CR-A 111201	5/3/96	1440	DOS	1	24 oz. Steeve 4. oz	4°C	S	SW8240
CR-A 111202	5/3/96	1440	DOS	1	24 oz. Steeve 4. oz	4°C	S	SW8080
CR-A 111203	5/3/96	1440	DOS	1	24 oz. Steeve 4. oz	4°C	S	SW8150 SW8170 SW1190 DOS
CR-A 111204	5/3/96	1440	DOS	1	24 oz. Steeve 8 oz.	4°C	S	SW6010 SW7040 SW7060 SW7130 SW7421 SW7471 SW7520 SW7740 SW7760 *
CR-A 111205	5/3/96	1440	DOS	1	8 oz.	4°C	S	SW8270
CR-A 111206	5/3/96	1440	DOS	1	4 oz	4°C	S	E418.1
CR-A 111207	5/3/96	1450	DOS	1	8 oz.	4°C	S	TCLP Chlordane
CR-A 111208	5/3/96	1450	DOS	1	8 oz.	4°C	S	TCLP Dieldrin
CR-A 111209	5/3/96	1510	DOS	1	40ml VOA	HCl	W	SW8240

COMMENTS: *SW6010 for the following: Ba, Be, Cr, Co, Cu, Ti, V, Zn, Zn only

COLLECTED & RELEASED BY	DATE	TIME	TURNAROUND TIME		
Jim Schy	5/3/96	16:30			
RECEIVED BY	DATE	TIME	RELINQUISHED BY	DATE	TIME
Xu	5/3	9:30			
SL	5/3	5:30			
			96-0918		
RECORD RETURNED BY	DATE	TIME	SHIPPING NUMBER:		

DISTRIBUTION: WHITE - PROJECT FILE / CANARY - LAB RECEIPT / PINK - DATA MANAGEMENT / GOLDENROD - FIELD

96-0918



JACOBS ENGINEERING GROUP INC.
600 SEVENTEENTH STREET, SUITE 1100N DENVER, COLORADO 80202
TELEPHONE (303) 595-8856 FAX (303) 595-8857

CR-A III

CHAIN OF CUSTODY RECORD

USE A BALLPOINT PEN, BLACK INK, AND PRESS FIRMLY. INSTRUCTIONS ARE ON THE BACK

PROJECT NAME: NAS PW UST and Golf Course					LABORATORY NAME & ADDRESS: Certe Environmental Laboratories 2209 Wisconsin Street, Suite 200 Dallas, Texas 75229					
PROJECT NUMBER: 10X70200		SUBCONTRACT / D.O. No.								
WBS CODE:										
SAMPLE NUMBER	COLLECTION		SAMPLER'S INITIALS	NUMBER OF CONTAINERS	CONTAINER SIZE AND TYPE	PRESERVATIVE	MATRIX CODE	ANALYSES REQUESTED	Q	CONDITION ON RECEIPT
	DATE	TIME								
CR-A 111101	5/3/96	1415	DAS	1	24" Sleeved OS 4 oz.	4° C	S	SW8240		
CR-A 111102	5/3/96	1415	DOS	1	24" Sleeved OS 4 oz.	4° C	S	SW8080		
CR-A 111103	5/3/96	1415	DAS	1	24" Sleeved OS 4 oz.	4° C	S	SW8150 SW8270 SW7421 SW7471 SW7520 SW7740 SW7760 *		
CR-A 111104	5/3/96	1415	DOS	1	24" Sleeved OS 8 oz.	4° C	S	SW6010 SW7040 SW7060 SW7130 SW7421 SW7471 SW7520 SW7740 SW7760 *		
CR-A 111105	5/3/96	1415	DAS	1	8 oz.	4° C	S	SW8270		
CR-A 111106	5/3/96	1415	PAS	1	4 oz.	4° C	S	E418.1		
COMMENTS: SW6010 for the following: Ba, Be, Cr, Co, Cu, Ti, V, Zn only										
COLLECTED & RELEASED BY <i>Don Sily</i>		DATE 5/3/96	TIME 14:30	TURNAROUND TIME						
RECEIVED BY <i>J. B.</i>	DATE 1/1	TIME :	RELINQUISHED BY				DATE 1/1	TIME :		
<i>Don Sily</i>	DATE 5/3	TIME 4:30								
<i>Don Sily</i>	DATE 5/3	TIME 5:30								
RECORD RETURNED BY		DATE 1/1	TIME :	SHIPPING NUMBER: 96-0918						

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CR-A1110

CHAIN OF CUSTODY RECORD

USE A BALLPOINT PEN, BLACK INK, AND PRESS FIRMLY. INSTRUCTIONS ARE ON THE BACK

PROJECT NAME: NAS PW UST and Golf Course				LABORATORY NAME & ADDRESS: Certeis Environmental Laboratories						
PROJECT NUMBER: 10ET0200				2209 Wisconsin Street, Suite 200						
WBS CODE:		SUBCONTRACT / D.O. No.			Dallas, Texas 75229					
SAMPLE NUMBER	COLLECTION		SAMPLER'S INITIALS	NUMBER OF CONTAINERS	CONTAINER SIZE AND TYPE	PRESERVATIVE	MATRIX CODE	ANALYSES REQUESTED	ID	CONDITION ON RECEIPT
	DATE	TIME								
CR-A 111001	5/2/96	1410	DAS	3	24" Stee. glass 40ml VOA	4°C HCl	W	SW8240		-24
CR-A 111002	5/2/96	1410	DAS	1	24" Stee. glass 1-L amber	4°C	W	SW8080		-25
CR-A 111003	5/2/96	1410	DAS	1	24" Stee. glass 1-L amber	4°C	W	SW8150 SW8270 SW7130		-26
CR-A 111004	5/2/96	1410	DAS	2	24" Stee. glass 500ml plastic	4°C HNO3	W	SW6010 SW7040 SW7060 SW7130 SW7421 SW7471 SW7520 SW7740 SW7760 *		-27
CR-A 111005	5/2/96	1410	DAS	1	1-L amber	4°C	W	SW8270		-28
CR-A 111006	5/2/96	1410	DAS	1	1-L amber	HCl	W	E418.1		-29
CR-A 111007	5/4/96	2025	DAS	3	40ml VOA	HCl	W	SW8020 3TEX		-30
CR-A 111008	5/4/96	2025	DAS	1	1-L amber	4°C	W	SW8270		-31
CR-A 111009	5/4/96	2025	DAS	1	1-L amber	HCl	W	E418.1		-32
COMMENTS: * Run abbreviated SW6010 for the following: Ba, Be, Cr, Co, Cu, Ti, V, Zn only										
COLLECTED & RELEASED BY <i>Tom Schmitt</i>			DATE 5/2/96	TIME 15:20	TURNAROUND TIME 3h					
RECEIVED BY <i>John Z.</i>			DATE 5/2/96	TIME 15:20	RELINQUISHED BY <i>John Z.</i>			DATE 5/2/96	TIME 17:25	
<i>SLK</i>			5/1/96	17:25				96-908		
RECORD RETURNED BY			DATE / /	TIME :	SHIPPING NUMBER:					

DISTRIBUTION: WHITE - PROJECT FILE / CANARY - LAB RECEIPT / PINK - DATA MANAGEMENT / GOLDENROD - FIELD

96-00908

431 28



CR-A1109

CHAIN OF CUSTODY RECORD

USE A BALLPOINT PEN, BLACK INK, AND PRESS FIRMLY. INSTRUCTIONS ARE ON THE BACK

PROJECT NAME: NAS PW UST and Golf Course							LABORATORY NAME & ADDRESS: Certes Environmental Laboratories		
PROJECT NUMBER: 10X70200							2209 Wisconsin Street, Suite 200		
WBS CODE:		SUBCONTRACT / D.O. No.					Dallas, Texas 75229		
SAMPLE NUMBER	COLLECTION		SAMPLER'S INITIALS	NUMBER OF CONTAINERS	CONTAINER SIZE AND TYPE	PRESERVATIVE	MATRIX CODE	ANALYSES REQUESTED	
	DATE	TIME						Q	CONDITION ON RECEIPT
-23	5/3/96	1405	DPS	1	24" sleeve 4 oz.	4°C	S	SW8240	
-23	5/3/96	1405	DPS	1	24" sleeve 4 oz.	4°C	S	SW8080	
-24	5/3/96	1405	DAS	1	24" sleeve 4 oz.	4°C	S	SW8150 SW3270 SW419.1 - MDS	
-25	5/3/96	1405	DPS	1	24" sleeve 8 oz.	4°C	S	SW6010 SW7040 SW7060 SW7130 SW7421 SW7471 SW7520 SW7740 SW7760	
-26	5/3/96	1405	DPS	1	8 oz.	4°C	S	SW8270	
-27	5/3/96	1405	DPS	1	4 oz.	4°C	S	E418.1	
-28	5/2/96	1628	DPS	1	4 oz.	4°C	S	E418.1	

COMMENTS: SW6010 for the following: Ba, Be, Cr, Co, Cu, Ti, V, Zn only

COLLECTED & RELEASED BY	DATE	TIME	TURNAROUND TIME	
<i>Don Schuyler</i>	5/3/96	16:30		
RECEIVED BY	DATE	TIME	RELINQUISHED BY	DATE
<i>John</i>	5-3	9:30		
<i>SL</i>	5/3	5:30		
				96-0918
RECORD RETURNED BY	DATE	TIME	SHIPPING NUMBER:	

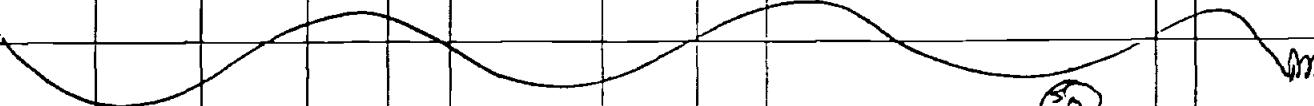
DISTRIBUTION: WHITE - PROJECT FILE / CANARY - LAB RECEIPT / PINK - DATA MANAGEMENT / GOLDENROD - FIELD

CR-A1108

JE JACOBS ENGINEERING GROUP INC.
600 SEVENTEENTH STREET, SUITE 1100N DENVER, COLORADO 80202
TELEPHONE (303) 595-8855 FAX (303) 595-8857

CHAIN OF CUSTODY RECORD

USE A BALLPOINT PEN, BLACK INK, AND PRESS FIRMLY. INSTRUCTIONS ARE ON THE BACK

PROJECT NAME: NAS PW UST and Golf Course				LABORATORY NAME & ADDRESS: Certes Environmental Laboratories							
PROJECT NUMBER: 10X70200				2209 Wisconsin Street, Suite 200							
WBS CODE:		SUBCONTRACT / D.O. No.			Dallas, Texas 75229						
SAMPLE NUMBER	COLLECTION		SAMPLE'S INITIALS	NUMBER OF CONTAINERS	CONTAINER SIZE AND TYPE	PRESERVATIVE	MATRIX CODE	ANALYSES REQUESTED	S	CONDITION ON RECEIPT	
	DATE	TIME									
CR-A 110801	5/2/96	1210	DPS	1	24 oz. glass	4°C	S	SW8240		-17	
CR-A 110802	5/2/96	1210	DPS	1	24 oz. glass	4°C	S	SW8080		-18	
CR-A 110803	5/2/96	1210	DPS	1	24 oz. glass	4°C	S	SW8150 SW8270 SW8310 SW8330		-19	
CR-A 110804	5/2/96	1210	DPS	1	24 oz. glass	4°C	S	SW6010 SW7040 SW7060 SW7130 SW7423 SW7471 SW7520 SW7740 SW7760 *		-20	
CR-A 110805	5/2/96	1210	DPS	1	8 oz.	4°C	S	SW8270		-21	
CR-A 110806	5/2/96	1210	DPS	1	4 oz.	4°C	S	E418.1		-22	
CR-A 110807	5/1/96	1045	DPS	1	4 oz.	4°C	S	E418.1		-23	
											
COMMENTS: Run abbreviated SW6010: Ba, Be, Cr, Co, Cu, TL, V, Zn only 96-908											
COLLECTED & RELEASED BY <i>Don Schultz</i>			DATE 5/2/96	TIME 15:20	TURNAROUND TIME						
RECEIVED BY <i>John D. 2</i>	DATE 5/2/96	TIME 15:20	RELINQUISHED BY <i>John D. 2</i>	DATE 5/2/96	TIME 17:25						
RECORD RETURNED BY			DATE 11	TIME :	SHIPPING NUMBER:						

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96-00908

431 30



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TELEPHONE (303) 505 - 8856 FAX (303) 505 - 8857

CHAIN OF CUSTODY RECORD

USE A BALLPOINT PEN, BLACK INK, AND PRESS FIRMLY. INSTRUCTIONS ARE ON THE BACK.

PROJECT NAME: <u>NAS F1 Worth GCM & UST</u>					LABORATORY NAME & ADDRESS: <u>CERTIS</u> <u>2209 Wisconsin St. #200</u> <u>Dallas, TX 75229</u>					
PROJECT NUMBER: <u>10K70200</u>		SUBCONTRACT / D.O. No. <u>330206</u>								
SAMPLE NUMBER	COLLECTION		SAMPLER'S INITIALS	NUMBER OF CONTAINERS	CONTAINER SIZE AND TYPE	PRESERVE-VATIVE	MATRIX CODE	ANALYSES REQUESTED	D O	CONDITION ON RECEIPI
	DATE	TIME								
CR-A 110302	3/13/96	1845	MJ	1	1-L Glass	none	W SW8080, S ⁽¹⁰⁾ 8080			good ice.
COMMENTS: CEL# 96-0591										
COLLECTED & RELEASED BY <u>M. L. P.</u>		DATE <u>3/14/96</u>	TIME <u>16:00</u>	TURNAROUND TIME						
RECEIVED BY <u>Lab. Party</u>		DATE <u>3/14/96</u>	TIME <u>4:20</u>	RELINQUISHED BY <u>Jor L. Z.</u>						
RECORD RETURNED BY		DATE <u>1/1</u>	TIME <u>:</u>	SHIPPING NUMBER:						

DISTRIBUTION: WHITE - PROJECT FILE / CANARY - LAB RECEIPT / PINK - DATA MANAGEMENT / GOLDENROD - RECD

431 31



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600 SEVENTEENTH STREET, SUITE 1100N DENVER, COLORADO 80202
TELEPHONE (303) 695-8856 FAX (303) 695-8857

CR-A1103

CHAIN OF CUSTODY RECORD

USE A BALLPOINT PEN, BLACK INK, AND PRESS FIRMLY. INSTRUCTIONS ARE ON THE BACK

PROJECT NAME: <i>NASFW Golf Course Maint.</i>				LABORATORY NAME & ADDRESS: <i>CERTES</i>						
PROJECT NUMBER: <i>10K70200</i>				<i>2209 WIS ST. SUITE 200</i>						
WBS CODE:		SUBCONTRACT / D.D. No.			<i>DALLAS TX 75229</i>					
SAMPLE NUMBER	COLLECTION		SAMPLES IN THIS CONTAINER	NUMBER OF CONTAINERS	CONTAINER SIZE AND TYPE	PRESERVATIVE	MATRIX CODE	ANALYSES REQUESTED		CONDITION ON RECEIPT
	DATE	TIME						O	C	
-24 CR-A110301	<i>3/14/96</i>	<i>1845</i>	<i>DD5</i>	<i>1</i>	<i>1L Other</i>	<i>none</i>	<i>W</i>	<i>SWB080</i> ⁽¹⁾	<i>SWB150</i>	
	<i>3/13/96</i>									
COMMENTS: <i>CEL# 96-0591</i>										
COLLECTED & RELEASED BY			DATE	TIME	TURNAROUND TIME					
<i>Robert J. Seay</i>			<i>3/14/96</i>	<i>10:00</i>	<i>10:00</i>					
RECEIVED BY			DATE	TIME	REINVESTIGATED BY					
<i>Robert J. Seay</i>			<i>3/14/96</i>	<i>10:00</i>	<i>Robert J. Seay</i>					
			<i>3/14/96</i>	<i>11:17</i>						
RECDRD RETURNED BY			DATE	TIME						
			<i>11</i>	<i>:</i>						
SHIPPING NUMBER:										

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431 32



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CR-A1102

CHAIN OF CUSTODY RECORD

USE A BALLPOINT PEN, BLACK INK, AND PRESS FIRMLY. INSTRUCTIONS ARE ON THE BACK

PROJECT NAME: MAS IV UST and Golf Course					LABORATORY NAME & ADDRESS: Certes Environmental Laboratories				
PROJECT NUMBER: 10K70200					2209 Wisconsin Street, Suite 200				
WBS CODE:		SUBCONTRACT / D.O. No.			Dallas, Texas 75229				
SAMPLE NUMBER	COLLECTION		SAMPLES INITIALS	NUMBER OF CONTAINERS	CONTAINER SIZE AND TYPE	PRESERVATIVE	MATRIX CODE	ANALYSES REQUESTED	CONDITION ON RECEIPT
	DATE	TIME							
✓ 15 CR-A 110201	3/13/96	1457	MJ	2	2oz. Glass	4° C	S	SW8080 and SW8150	
✓ 16 CR-A 110202	3/13/96	1516	MJ	2	2oz. Glass	4° C	S	SW8080 and SW8150	
✓ 17 CR-A 110203	3/13/96	1558	MJ	2	2oz. Glass	4° C	S	SW8080 and SW8150	
✓ 18 CR-A 110204	3/13/96	1623	MJ	2	2oz. Glass	4° C	S	SW8080 and SW8150	
✓ 19 CR-A 110205	3/13/96	1656	MJ	2	2oz. Glass	4° C	S	SW8080 and SW8150	
✓ 20 CR-A 110206	3/13/96	1726	MJ	2	2oz. Glass	4° C	S	SW8080 and SW8150	
✓ 21 CR-A 110207	3/13/96	1802	MJ	2	2oz. Glass	4° C	S	SW8080 and SW8150	
✓ 22 CR-A 110208	3/13/96	1826	MJ	2	2oz. Glass	4° C	S	SW8080 and SW8150	
-27 CR-A 110209	3/13/96	1623	MJ	2	2oz. Glass	4°	S	SW8080 SW8150	
COMMENTS: CEL # 96-0591									
COLLECTED & RELEASED BY		DATE	TIME	TURNAROUND TIME					
RECEIVED BY		DATE	TIME	RELINQUISHED BY					
RECORD RETURNED BY		DATE	TIME	SHIPPING NUMBER:					

DISTRIBUTION: WHITE - PROJECT FILE / CANARY - LAB RECEIPT / PINK - DATA MANAGEMENT / GOLDENROD - FIELD



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CR-A1101

CHAIN OF CUSTODY RECORD

USE A BALLPOINT PEN, BLACK INK, AND PRESS FIRMLY. INSTRUCTIONS ARE ON THE BACK

PROJECT NAME: WAS PW USY and Golf Course					LABORATORY NAME & ADDRESS: Certes Environmental Laboratories				
PROJECT NUMBER: 10K70200					2209 Wisconsin Street, Suite 200				
WBS CODE:		SUBCONTRACT / D.O. No.					Dallas, Texas 75229		
SAMPLE NUMBER	COLLECTION DATE	TIME	SAMPLER'S NAME	NUMBER OF CONTAINERS	CONTAINER AND CONTAINER TYPE	PRESERVATIVE	MATERIAL CODE	ANALYSES REQUESTED	CONDITION ON RECEIPT
CR-A 110101	3/13/96	0940 MJ		2	2oz. Glass	4° C	S	SW8080 and SW8150	
CR-A 110102	3/13/96	0947 MJ		2	2oz. Glass	4° C	S	SW8080 and SW8150	
CR-A 110103	3/13/96	1033 MJ		2	2oz. Glass	4° C	S	SW8080 and SW8150	
CR-A 110104	3/13/96	1105 MJ		2	2oz. Glass	4° C	S	SW8080 and SW8150	
CR-A 110105	3/13/96	1129 MJ		2	2oz. Glass	4° C	S	SW8080 and SW8150	
CR-A 110106	3/13/96	1154 MJ		2	2oz. Glass	4° C	S	SW8080 and SW8150	
CR-A 110107	3/13/96	1406 MJ		2	2oz. Glass	4° C	S	SW8080 and SW8150	
CR-A 110108	3/13/96	1425 MJ		2	2oz. Glass	4° C	S	SW8080 and SW8150	
CR-A 110109	3/13/96	1659 MJ		2	2oz. G1	4°		SW8080 SW8150	

COMMENTS:

CELT# 96-0591

COLLECTED & RELEASED BY	DATE	TIME	TURNAROUND TIME
RECEIVED BY <i>John J. Seay</i> Total H. P. Services	3/14/96 10:00		
REINQUISITIONED BY <i>John J. Seay</i>	3/14/96 10:00		
REINQUISITIONED BY <i>John J. Seay</i>	3/14/96 11:17		
RECORD RETURNED BY	DATE	TIME	
	11	:	
			SHIPPING NUMBER:

DISTRIBUTION: WHITE - PROJECT FILE / CANARY - LAB RECEIPT / PINK - DATA MANAGEMENT / GOLDENBROD - FIELD

431 34



CR-A1100

CHAIN OF CUSTODY RECORD

USE A BALLPOINT PEN, BLACK INK, AND PRESS FIRMLY. INSTRUCTIONS ARE ON THE BACK

PROJECT NAME: MAS PW USF and Golf Course						LABORATORY NAME & ADDRESS: Certes Environmental Laboratories				
PROJECT NUMBER: 10K70200						2209 Wisconsin Street, Suite 200				
WBS CODE:		SUBCONTRACT / D.O. No.				Dallas, Texas 75229				
SAMPLE NUMBER	COLLECTION		SAMPLE SIZE	NUMBER OF CONTAINERS	CONTAINER SIZE AND TYPE	PRESERVATIVE	MATRIX CODE	ANALYSES REQUESTED	O O	CONDITION ON RECEIPT
	DATE	TIME								
CR-A 110001	3/12/96	1235	MS	2	2oz. Glass	4% C	S	SW8080 and SW8150		
CR-A 110002	3/12/96	1325	DDS	2	2oz. Glass	4% C	S	SW8080 and SW8150		
CR-A 110003	3/12/96	1635	DDS	2	2oz. Glass	4% C	S	SW8080 and SW8150		
CR-A 110004	3/12/96	1710	DDS	2	2oz. Glass	4% C	S	SW8080 and SW8150		
CR-A 110005	3/12/96	0926	MS	2	2oz. Glass	4% C	S	SW8080 and SW8150		
CR-A 110006				2	2oz. Glass	4% C	S	SW8080 and SW8150		
CR-A 110007				2	2oz. Glass	4% C	S	SW8080 and SW8150		
CR-A 110008				2	2oz. Glass	4% C	S	SW8080 and SW8150		
COMMENTS: <i>CEL # 76-0591</i>										
COLLECTED & RELEASED BY			DATE	TIME	TURNAROUND TIME					
<i>Bethany S. Seay</i>			3/14/96	10:00						
<i>Linda L. Pugh</i>			3/14/96	10:00						
			3/14/96	11:17						
RECORD RETURNED BY			DATE	TIME						
			1/1	:						
SHIPPING NUMBER:										

DISTRIBUTION: WHITE - PROJECT FILE / CANARY - LAB RECEIPT / PINK - DATA MANAGEMENT / GOLDENROD - RBLD

431 35

CR-A1559



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600 SEVENTEENTH STREET, SUITE 1100N DENVER, COLORADO 80202
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CHAIN OF CUSTODY RECORD

USE A BALLPOINT PEN, BLACK INK, AND PRESS FIRMLY. INSTRUCTIONS ARE ON THE BACK

PROJECT NAME: NAS FW Golf Course				LABORATORY NAME & ADDRESS: CERTES						
PROJECT NUMBER: 10K702000				DALLAS, TX						
WBS CODE:		SUBCONTRACT / D.O. No.								
SAMPLE NUMBER	COLLECTION		SAMPLER'S INITIALS	NUMBER OF CONTAINERS	CONTAINER SIZE AND TYPE	PRESERVATIVE	MATRIX CODE	ANALYSES REQUESTED	S	CONDITION ON RECEIPT
	DATE	TIME								
CR-A155901	4/30/96	1550	DOS	1	4oz. glass	none	S	SW60EC		
CR-A155902	4/30/96	1550	DOS	1	4oz. glass	none	S	SW8150		
CR-A155903	4/30/96	1550	DOS	1	4oz. glass	none	S	Metals - See comments		
CR-A155904	4/30/96	1612	DOS	1	40.m VCA	HCl	W	SW8240		
COMMENTS: # SW60EC, SW7040-Sb, SW7060-As, SW7130-Cd, SW7421-Pb, SW7471-Hg, SW7520-Ni, SW7740-Se, SW7760-Ag										
COLLECTED & RELEASED BY		DATE	TIME	TURNAROUND TIME						
RECEIVED BY		DATE	TIME	RELINQUISHED BY						
RECORD RETURNED BY		DATE	TIME	SHIPPING NUMBER:						

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96-0898

431 36

TAB

Appendix B

431 37

APPENDIX B
ANALYTICAL LABORATORY RESULTS

Control Number to Sample Number Cross Reference Table
Golf Course Maintenance Yard Analytical Results

431 38

CONTROL NO. (ID MARKS)	SAMPLE NO.
96-0591-01	BH-GCM-01B
96-0591-02	BH-GCM-01D
96-0591-03	BH-GCM-02B
96-0591-04	BH-GCM-02D
96-0591-05	BH-GCM-03B
96-0591-06	BH-GCM-03C
96-0591-07	BH-GCM-03D
96-0591-08	BH-GCM-04B
96-0591-09	BH-GCM-04D
96-0591-10	BH-GCM-05B
96-0591-11	BH-GCM-05D
96-0591-12	BH-GCM-06B
96-0591-13	BH-GCM-06D
96-0591-14	BH2-GCM-09B
96-0591-15	BH-GCM-07B
96-0591-16	BH-GCM-07D
96-0591-17	BH-GCM-08B
96-0591-18	BH-GCM-08D
96-0591-19	BH-GCM-09B
96-0591-20	BH-GCM-09D
96-0591-21	BH-GCM-10B
96-0591-22	BH-GCM-10D
96-0591-23	BH2-GCM-08D
96-0591-24	BH3-GCM-10D
96-0591-24	BH3-GCM-10D
CR-A110801	TP-GCM-06K
CR-A110802	TP-GCM-06K
CR-A110803	TP-GCM-06K
CR-A110804	TP-GCM-06K
CR-A110805	TP-GCM-06K
CR-A110806	TP-GCM-06K
CR-A110901	TP-GCM-04K
CR-A110902	TP-GCM-04K
CR-A110903	TP-GCM-04K
CR-A110904	TP-GCM-04K
CR-A110905	TP-GCM-04K
CR-A110906	TP-GCM-04K
CR-A111001	TE3-960502
CR-A111002	TE3-960502
CR-A111003	TE3-960502

CONTROL NO. (ID MARKS)	SAMPLE NO.
CR-A111004	TE3-960502
CR-A111005	TE3-960502
CR-A111006	TE3-960502
CR-A111007	TE3-960501
CR-A111008	TE3-960501
CR-A111009	TE3-960501
CR-A111101	TP-GCM-09K
CR-A111102	TP-GCM-09K
CR-A111103	TP-GCM-09K
CR-A111104	TP-GCM-09K
CR-A111105	TP-GCM-09K
CR-A111106	TP-GCM-09K
CR-A1111201	TP-GCM-08K
CR-A1111202	TP-GCM-08K
CR-A1111203	TP-GCM-08K
CR-A1111204	TP-GCM-08K
CR-A1111205	TP-GCM-08K
CR-A1111206	TP-GCM-08K
CR-A1111207	TP-GCM-STKa
CR-A1111208	TP-GCM-STKb
CR-A1111209	TE4-960503
CR-A111301	TE3-960503
CR-A111302	TE3-960503
CR-A111303	TE3-960503
CR-A111304	TE3-960503
CR-A111305	TE3-960503
CR-A111306	TE3-960503
CR-A155801	TP-GCM-01K
CR-A155802	TP-GCM-01K
CR-A155803	TP-GCM-01K
CR-A155804	TP-GCM-01K
CR-A155805	TP-GCM-01K
CR-A155806	TP-GCM-01K
CR-A155807	TP-GCM-02K
CR-A155808	TP-GCM-02K
CR-A155809	TP-GCM-02K
CR-A155901	TP-GCM-02K
CR-A155902	TP-GCM-02K
CR-A155903	TP-GCM-02K
CR-A155904	TP4-GCM-02K



Inchcape Testing Services

Environmental Laboratories

1069 E. Collins Blvd.
Richardson, TX 75081
Tel. 214-238-5591
Fax. 214-238-5592

431 39

ANALYTICAL REPORT

DATE RECEIVED : 1-MAY-1996

REPORT NUMBER : D96-4708

REPORT DATE : 8-MAY-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.

ADDRESS : 2209 Wisconsin, Ste 200

: Dallas, TX 75229

ATTENTION : Mr. Steve Milam

Included in this data package are the analytical results for the sample group which you have submitted to Inchcape Testing Services for analysis. These results are representative of the samples as received by the laboratory.

The information contained herein has undergone extensive review and is deemed accurate and complete. Sample analysis and quality control were performed in accordance with all applicable protocols. Any deviations from these protocols or observations of interest are detailed in an accompanying Case Narrative. Please refrain from reproducing this report except in its entirety.

If you have any questions regarding this report and its associated materials please call your Project Manager at (214) 238-5591.

We appreciate the opportunity to serve you and look forward to providing continued service in the future.

Martin Jeffus
General Manager



431 40

DATE RECEIVED : 1-MAY-1996

REPORT NUMBER : D96-4708-1
REPORT DATE : 8-MAY-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : CR-A155804
DATE SAMPLED : 30-APR-1996
PREPARATION METHOD : EPA 3550A
PREPARED BY : MGK
PREPARED ON : 2-MAY-1996
ANALYSIS METHOD : EPA 8080 /1
ANALYZED BY : TCR
ANALYZED ON : 4-MAY-1996
DILUTION FACTOR : 1
METHOD FACTOR : 1
QC BATCH NO : AB715-96

CHLORINATED PESTICIDES AND PCB'S		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Aldrin	0.0030 mg/Kg	< 0.0030 mg/Kg
Alpha-BHC	0.0020 mg/Kg	< 0.0020 mg/Kg
Beta-BHC	0.0040 mg/Kg	< 0.0040 mg/Kg
Delta-BHC	0.0060 mg/Kg	< 0.0060 mg/Kg
Gamma-BHC(Lindane)	0.0030 mg/Kg	< 0.0030 mg/Kg
Chlordane	0.0090 mg/Kg	< 0.0090 mg/Kg
4,4'-DDD	0.0070 mg/Kg	< 0.0070 mg/Kg
4,4'-DDE	0.0030 mg/Kg	< 0.0030 mg/Kg
4,4'-DDT	0.0080 mg/Kg	< 0.0080 mg/Kg
Dieldrin	0.0010 mg/Kg	< 0.0010 mg/Kg
Endosulfan I	0.0090 mg/Kg	< 0.0090 mg/Kg
Endosulfan II	0.0030 mg/Kg	< 0.0030 mg/Kg
Endosulfan Sulfate	0.0400 mg/Kg	< 0.0400 mg/Kg
Endrin	0.0040 mg/Kg	< 0.0040 mg/Kg
Endrin Aldehyde	0.0200 mg/Kg	< 0.0200 mg/Kg



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REPORT NUMBER : D96-4708-1
ANALYSIS METHOD : EPA 8080 /1

PAGE 2

CHLORINATED PESTICIDES AND PCB'S		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Heptachlor	0.0020 mg/Kg	< 0.0020 mg/Kg
Heptachlor Epoxide	0.0600 mg/Kg	< 0.0600 mg/Kg
Methoxychlor	0.100 mg/Kg	< 0.100 mg/Kg
Toxaphene	0.200 mg/Kg	< 0.200 mg/Kg
Aroclor-1016	1.00 mg/Kg	< 1.00 mg/Kg
Aroclor-1221	1.00 mg/Kg	< 1.00 mg/Kg
Aroclor-1232	1.00 mg/Kg	< 1.00 mg/Kg
Aroclor-1242	1.00 mg/Kg	< 1.00 mg/Kg
Aroclor-1248	1.00 mg/Kg	< 1.00 mg/Kg
Aroclor-1254	1.00 mg/Kg	< 1.00 mg/Kg
Aroclor-1260	1.00 mg/Kg	< 1.00 mg/Kg

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
Decachlorobiphenyl (SS)	33.3 µg/Kg	82.0 %
2,4,5,6-Tetrachloro-m-xylene (SS)	33.3 µg/Kg	75.3 %



Inchcape Testing Services
Environmental Laboratories

431 42

DATE RECEIVED : 1-MAY-1996

REPORT NUMBER : D96-4708-1
REPORT DATE : 8-MAY-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.

ADDRESS : 2209 Wisconsin, Ste 200

: Dallas, TX 75229

ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil

ID MARKS : CR-A155804

DATE SAMPLED : 30-APR-1996

MISCELLANEOUS ANALYSES			
TEST REQUESTED	DETECTION LIMIT	RESULTS	
Total Solids	/1	0.01 %	82.1 %
Analyzed using ASTM D2216 mod. on 6-MAY-1996 by SAB QC Batch No : 749077H			



Inchcape Testing Services
Environmental Laboratories

431 43

DATE RECEIVED : 1-MAY-1996

REPORT NUMBER : D96-4708-2
REPORT DATE : 8-MAY-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : CR-A155805
DATE SAMPLED : 30-APR-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : MGK
PREPARED ON : 3-MAY-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 4-MAY-1996
DILUTION FACTOR : 1
METHOD FACTOR : 1
QC BATCH NO : AB715-99

CHLORINATED HERBICIDES			
TEST REQUESTED	DETECTION LIMIT	RESULTS	
2,4-D	0.800 mg/Kg	<	0.800 mg/Kg
2,4-DB	0.600 mg/Kg	<	0.600 mg/Kg
2,4,5-T	0.100 mg/Kg	<	0.100 mg/Kg
2,4,5-TP(Silvex)	0.100 mg/Kg	<	0.100 mg/Kg
Dalepon	4.00 mg/Kg	<	4.00 mg/Kg
Dicamba	0.200 mg/Kg	<	0.200 mg/Kg
Dichlorprop	0.500 mg/Kg	<	0.500 mg/Kg
Dinoseb	0.0500 mg/Kg	<	0.0500 mg/Kg
MCPA	170 mg/Kg	<	170 mg/Kg
MCPP	130 mg/Kg	<	130 mg/Kg



Inchcape Testing Services
Environmental Laboratories

431 44

REPORT NUMBER : D96-4708-2
ANALYSIS METHOD : EPA 8151 /1

PAGE 2

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	1000 µg/Kg	92.2 %



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431 45

DATE RECEIVED : 1-MAY-1996

REPORT NUMBER : D96-4708-2
REPORT DATE : 8-MAY-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : CR-A155805
DATE SAMPLED : 30-APR-1996

MISCELLANEOUS ANALYSES			
TEST REQUESTED	DETECTION LIMIT	RESULTS	
Total Solids	/1	0.01 %	82.6 %
Analyzed using ASTM D2216 mod. on 6-MAY-1996 by SAB QC Batch No : 749077H			



431 46

DATE RECEIVED : 1-MAY-1996

REPORT NUMBER : D96-4708-3
REPORT DATE : 8-MAY-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : CR-A155901
DATE SAMPLED : 30-APR-1996
PREPARATION METHOD : EPA 3550A
PREPARED BY : MGK
PREPARED ON : 2-MAY-1996
ANALYSIS METHOD : EPA 8080 /1
ANALYZED BY : TCR
ANALYZED ON : 4-MAY-1996
DILUTION FACTOR : 1
METHOD FACTOR : 1
QC BATCH NO : AB715-96

CHLORINATED PESTICIDES AND PCB'S		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Aldrin	0.0030 mg/Kg	< 0.0030 mg/Kg
Alpha-BHC	0.0020 mg/Kg	< 0.0020 mg/Kg
Beta-BHC	0.0040 mg/Kg	< 0.0040 mg/Kg
Delta-BHC	0.0060 mg/Kg	< 0.0060 mg/Kg
Gamma-BHC(Lindane)	0.0030 mg/Kg	< 0.0030 mg/Kg
Chlordane	0.0090 mg/Kg	< 0.0090 mg/Kg
4,4'-DDD	0.0070 mg/Kg	< 0.0070 mg/Kg
4,4'-DDE	0.0030 mg/Kg	< 0.0030 mg/Kg
4,4'-DDT	0.0080 mg/Kg	< 0.0080 mg/Kg
Dieldrin	0.0010 mg/Kg	< 0.0010 mg/Kg
Endosulfan I	0.0090 mg/Kg	< 0.0090 mg/Kg
Endosulfan II	0.0030 mg/Kg	< 0.0030 mg/Kg
Endosulfan Sulfate	0.0400 mg/Kg	< 0.0400 mg/Kg
Endrin	0.0040 mg/Kg	< 0.0040 mg/Kg
Endrin Aldehyde	0.0200 mg/Kg	< 0.0200 mg/Kg



431 47

REPORT NUMBER : D96-4708-3
ANALYSIS METHOD : EPA 8080 /1

PAGE 2

CHLORINATED PESTICIDES AND PCB'S		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Heptachlor	0.0020 mg/Kg	< 0.0020 mg/Kg
Heptachlor Epoxide	0.0600 mg/Kg	< 0.0600 mg/Kg
Methoxychlor	0.100 mg/Kg	< 0.100 mg/Kg
Toxaphene	0.200 mg/Kg	< 0.200 mg/Kg
Aroclor-1016	1.00 mg/Kg	< 1.00 mg/Kg
Aroclor-1221	1.00 mg/Kg	< 1.00 mg/Kg
Aroclor-1232	1.00 mg/Kg	< 1.00 mg/Kg
Aroclor-1242	1.00 mg/Kg	< 1.00 mg/Kg
Aroclor-1248	1.00 mg/Kg	< 1.00 mg/Kg
Aroclor-1254	1.00 mg/Kg	< 1.00 mg/Kg
Aroclor-1260	1.00 mg/Kg	< 1.00 mg/Kg

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
Decachlorobiphenyl (SS)	33.3 µg/Kg	84.8 %
2,4,5,6-Tetrachloro-m-xylene (SS)	33.3 µg/Kg	77.1 %



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431 48

DATE RECEIVED : 1-MAY-1996

REPORT NUMBER : D96-4708-3
REPORT DATE : 8-MAY-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : CR-A155901
DATE SAMPLED : 30-APR-1996

MISCELLANEOUS ANALYSES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Total Solids	/1	0.01 %
Analyzed using ASTM D2216 mod. on 6-MAY-1996 by SAB QC Batch No : 749077H		



Inchcape Testing Services
Environmental Laboratories

431 49

DATE RECEIVED : 1-MAY-1996

REPORT NUMBER : D96-4708-4
REPORT DATE : 8-MAY-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : CR-A155902
DATE SAMPLED : 30-APR-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : MGK
PREPARED ON : 3-MAY-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 4-MAY-1996
DILUTION FACTOR : 1
METHOD FACTOR : 1
QC BATCH NO : AB715-99

CHLORINATED HERBICIDES			
TEST REQUESTED	DETECTION LIMIT	RESULTS	
2,4-D	0.800 mg/Kg	<	0.800 mg/Kg
2,4-DB	0.600 mg/Kg	<	0.600 mg/Kg
2,4,5-T	0.100 mg/Kg	<	0.100 mg/Kg
2,4,5-TP(Silvex)	0.100 mg/Kg	<	0.100 mg/Kg
Dalapon	4.00 mg/Kg	<	4.00 mg/Kg
Dicamba	0.200 mg/Kg	<	0.200 mg/Kg
Dichlorprop	0.500 mg/Kg	<	0.500 mg/Kg
Dinoseb	0.0500 mg/Kg	<	0.0500 mg/Kg
MCPA	170 mg/Kg	<	170 mg/Kg
MCPP	130 mg/Kg	<	130 mg/Kg



431 50

REPORT NUMBER : D96-4708-4
ANALYSIS METHOD : EPA 8151 /1

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QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	1000 µg/Kg	95.8 %



Inchcape Testing Services
Environmental Laboratories

431 51

DATE RECEIVED : 1-MAY-1996

REPORT NUMBER : D96-4708-4
REPORT DATE : 8-MAY-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.

ADDRESS : 2209 Wisconsin, Ste 200

: Dallas, TX 75229

ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil

ID MARKS : CR-A155902

DATE SAMPLED : 30-APR-1996

MISCELLANEOUS ANALYSES			
TEST REQUESTED	DETECTION LIMIT	RESULTS	
Total Solids	/1	0.01	%
Analyzed using ASTM D2216 mod. on 6-MAY-1996 by SAB QC Batch No : 749077H			



431 52

DATE RECEIVED : 1-MAY-1996

REPORT NUMBER : D96-4708-5
REPORT DATE : 8-MAY-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : Method Blank
DATE SAMPLED : 30-APR-1996
PREPARATION METHOD : EPA 3550A
PREPARED BY : MGK
PREPARED ON : 2-MAY-1996
ANALYSIS METHOD : EPA 8080 /1
ANALYZED BY : TCR
ANALYZED ON : 5-MAY-1996
DILUTION FACTOR : 1
METHOD FACTOR : 1
QC BATCH NO : AB715-96

CHLORINATED PESTICIDES AND PCB'S		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Aldrin	0.0030 mg/Kg	< 0.0030 mg/Kg
Alpha-BHC	0.0020 mg/Kg	< 0.0020 mg/Kg
Beta-BHC	0.0040 mg/Kg	< 0.0040 mg/Kg
Delta-BHC	0.0060 mg/Kg	< 0.0060 mg/Kg
Gamma-BHC(Lindane)	0.0030 mg/Kg	< 0.0030 mg/Kg
Chlordane	0.0090 mg/Kg	< 0.0090 mg/Kg
4,4'-DDD	0.0070 mg/Kg	< 0.0070 mg/Kg
4,4'-DDE	0.0030 mg/Kg	< 0.0030 mg/Kg
4,4'-DDT	0.0080 mg/Kg	< 0.0080 mg/Kg
Dieldrin	0.0010 mg/Kg	< 0.0010 mg/Kg
Endosulfan I	0.0090 mg/Kg	< 0.0090 mg/Kg
Endosulfan II	0.0030 mg/Kg	< 0.0030 mg/Kg
Endosulfan Sulfate	0.0400 mg/Kg	< 0.0400 mg/Kg
Endrin	0.0040 mg/Kg	< 0.0040 mg/Kg
Endrin Aldehyde	0.0200 mg/Kg	< 0.0200 mg/Kg



431 53

REPORT NUMBER : D96-4708-5
ANALYSIS METHOD : EPA 8080 /1

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CHLORINATED PESTICIDES AND PCB'S		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Heptachlor	0.0020 mg/Kg	< 0.0020 mg/Kg
Heptachlor Epoxide	0.0600 mg/Kg	< 0.0600 mg/Kg
Methoxychlor	0.100 mg/Kg	< 0.100 mg/Kg
Toxaphene	0.200 mg/Kg	< 0.200 mg/Kg
Aroclor-1016	1.00 mg/Kg	< 1.00 mg/Kg
Aroclor-1221	1.00 mg/Kg	< 1.00 mg/Kg
Aroclor-1232	1.00 mg/Kg	< 1.00 mg/Kg
Aroclor-1242	1.00 mg/Kg	< 1.00 mg/Kg
Aroclor-1248	1.00 mg/Kg	< 1.00 mg/Kg
Aroclor-1254	1.00 mg/Kg	< 1.00 mg/Kg
Aroclor-1260	1.00 mg/Kg	< 1.00 mg/Kg

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
Decachlorobiphenyl (SS)	33.3 µg/Kg	84.4 %
2,4,5,6-Tetrachloro-m-xylene (SS)	33.3 µg/Kg	76.7 %



Inchcape Testing Services
Environmental Laboratories

431 54

DATE RECEIVED : 1-MAY-1996

REPORT NUMBER : D96-4708-5
REPORT DATE : 8-MAY-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : Method Blank
DATE SAMPLED : 30-APR-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : MGK
PREPARED ON : 3-MAY-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 4-MAY-1996
DILUTION FACTOR : 1
METHOD FACTOR : 1
QC BATCH NO : AB715-99

CHLORINATED HERBICIDES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
2,4-D	0.800 mg/Kg	< 0.800 mg/Kg
2,4-DB	0.600 mg/Kg	< 0.600 mg/Kg
2,4,5-T	0.100 mg/Kg	< 0.100 mg/Kg
2,4,5-TP(Silvex)	0.100 mg/Kg	< 0.100 mg/Kg
Dalapon	4.00 mg/Kg	< 4.00 mg/Kg
Dicamba	0.200 mg/Kg	< 0.200 mg/Kg
Dichlorprop	0.500 mg/Kg	< 0.500 mg/Kg
Dinoseb	0.0500 mg/Kg	< 0.0500 mg/Kg
MCPA	170 mg/Kg	< 170 mg/Kg
MCPP	130 mg/Kg	< 130 mg/Kg



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REPORT NUMBER : D96-4708-5
ANALYSIS METHOD : EPA 8151 /1

PAGE 2

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	1000 µg/Kg	89.2 %



431 56

DATE RECEIVED : 1-MAY-1996

REPORT NUMBER : D96-4708-6
REPORT DATE : 8-MAY-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : LCS
DATE SAMPLED : 30-APR-1996
PREPARATION METHOD : EPA 3550A
PREPARED BY : MGK
PREPARED ON : 2-MAY-1996
ANALYSIS METHOD : EPA 8080 /1
ANALYZED BY : TCR
ANALYZED ON : 5-MAY-1996
DILUTION FACTOR : 1
METHOD FACTOR : 1
QC BATCH NO : AB715-96

CHLORINATED PESTICIDES AND PCB'S		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Aldrin	0.0030 mg/Kg	0.0683 mg/Kg
Gamma-BHC(Lindane)	0.0030 mg/Kg	0.0660 mg/Kg
4,4'-DDT	0.0080 mg/Kg	0.0670 mg/Kg
Dieldrin	0.0010 mg/Kg	0.0693 mg/Kg
Endrin	0.0040 mg/Kg	0.0707 mg/Kg
Heptachlor	0.0020 mg/Kg	0.0689 mg/Kg

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
Decachlorobiphenyl (SS)	33.3 µg/Kg	84.4 %
2,4,5,6-Tetrachloro-m-xylene (SS)	33.3 µg/Kg	76.8 %



431 57

DATE RECEIVED : 1-MAY-1996

REPORT NUMBER : D96-4708-6
REPORT DATE : 8-MAY-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : LCS
DATE SAMPLED : 30-APR-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : MGK
PREPARED ON : 3-MAY-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 4-MAY-1996
DILUTION FACTOR : 1
METHOD FACTOR : 0.3
QC BATCH NO : AB715-99

CHLORINATED HERBICIDES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
2,4-D	0.240 mg/Kg	0.317 mg/Kg
2,4,5-T	0.0300 mg/Kg	< 0.0300 mg/Kg
2,4,5-TP(Silvex)	0.0300 mg/Kg	< 0.0300 mg/Kg

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	1000 µg/Kg	91.0 %



Inchcape Testing Services
Environmental Laboratories

431 58

DATE RECEIVED : 1-MAY-1996

REPORT NUMBER : D96-4708-7
REPORT DATE : 8-MAY-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : MS
DATE SAMPLED : 30-APR-1996
PREPARATION METHOD : EPA 3550A
PREPARED BY : MGK
PREPARED ON : 2-MAY-1996
ANALYSIS METHOD : EPA 8080 /1
ANALYZED BY : TCR
ANALYZED ON : 5-MAY-1996
DILUTION FACTOR : 1
METHOD FACTOR : 1
QC BATCH NO : AB715-96

CHLORINATED PESTICIDES AND PCB'S		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Aldrin	0.0030 mg/Kg	0.0667 mg/Kg
Gamma-BHC(Lindane)	0.0030 mg/Kg	0.0655 mg/Kg
4,4'-DDT	0.0050 mg/Kg	0.0680 mg/Kg
Dieldrin	0.0010 mg/Kg	0.0695 mg/Kg
Endrin	0.0040 mg/Kg	0.0705 mg/Kg
Heptachlor	0.0020 mg/Kg	0.0669 mg/Kg

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
Decachlorobiphenyl (SS)	33.3 µg/Kg	87.4 %
2,4,5,6-Tetrachloro-m-xylene (SS)	33.3 µg/Kg	77.4 %



Inchcape Testing Services
Environmental Laboratories

431 50

DATE RECEIVED : 1-MAY-1996

REPORT NUMBER : D96-4708-7
REPORT DATE : 8-MAY-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : MS
DATE SAMPLED : 30-APR-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : MGK
PREPARED ON : 3-MAY-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 4-MAY-1996
DILUTION FACTOR : 1
METHOD FACTOR : 0.3
QC BATCH NO : AB715-99

CHLORINATED HERBICIDES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
2,4-D	0.240 mg/Kg	0.303 mg/Kg
2,4,5-T	0.0300 mg/Kg	< 0.0300 mg/Kg
2,4,5-TP(Silvex)	0.0300 mg/Kg	< 0.0300 mg/Kg

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	1000 µg/Kg	86.5 %



431 60

DATE RECEIVED : 1-MAY-1996

REPORT NUMBER : D96-4708-8
REPORT DATE : 8-MAY-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : MSD
DATE SAMPLED : 30-APR-1996
PREPARATION METHOD : EPA 3550A
PREPARED BY : MGK
PREPARED ON : 2-MAY-1996
ANALYSIS METHOD : EPA 8080 /1
ANALYZED BY : TCR
ANALYZED ON : 5-MAY-1996
DILUTION FACTOR : 1
METHOD FACTOR : 1
QC BATCH NO : AB715-96

CHLORINATED PESTICIDES AND PCB'S		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Aldrin	0.0030 mg/Kg	0.0653 mg/Kg
Gamma-BHC(Lindane)	0.0030 mg/Kg	0.0640 mg/Kg
4,4'-DDT	0.0080 mg/Kg	0.0656 mg/Kg
Dieldrin	0.0010 mg/Kg	0.0668 mg/Kg
Endrin	0.0040 mg/Kg	0.0684 mg/Kg
Heptachlor	0.0020 mg/Kg	0.0640 mg/Kg

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
Decachlorobiphenyl (SS)	33.3 µg/Kg	86.2 %
2,4,5,6-Tetrachloro-m-xylene (SS)	33.3 µg/Kg	75.9 %



431 61

DATE RECEIVED : 1-MAY-1996

REPORT NUMBER : D96-4708-8
REPORT DATE : 8-MAY-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : MSD
DATE SAMPLED : 30-APR-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : MGK
PREPARED ON : 3-MAY-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 4-MAY-1996
DILUTION FACTOR : 1
METHOD FACTOR : 0.3
QC BATCH NO : AB715-99

CHLORINATED HERBICIDES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
2,4-D	0.240 mg/Kg	0.283 mg/Kg
2,4,5-T	0.0300 mg/Kg	< 0.0300 mg/Kg
2,4,5-TP(Silvex)	0.0300 mg/Kg	< 0.0300 mg/Kg

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	1000 µg/Kg	82.3 %



431 62

REPORT DATE : 8-MAY-1996

REPORT NUMBER : D96-4708

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ATTENTION : Mr. Steve Milam

LABORATORY QUALITY CONTROL REPORT

ANALYTE	Lindane	Heptachlor	Aldrin	Dieldrin	Endrin
BATCH NO.	AB715-96	AB715-96	AB715-96	AB715-96	AB715-96
LCS LOT NO.	AB604-11	AB604-11	AB604-11	AB604-11	AB604-11
PREP METHOD	EPA 3550A	EPA 3550A	EPA 3550A	EPA 3550A	EPA 3550A
PREPARED BY	MGK	MGK	MGK	MGK	MGK
ANALYSIS METHOD	EPA 8080	EPA 8080	EPA 8080	EPA 8080	EPA 8080
ANALYZED BY	TCR	TCR	TCR	TCR	TCR
UNITS	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
METHOD BLANK	< 0.003	< 0.002	< 0.003	< 0.001	< 0.004
SPIKE LEVEL	0.0833	0.0833	0.0833	0.0833	0.0833
MS RESULT	0.0655	0.0669	0.0667	0.0695	0.0705
MS RECOVERY %	78.6	80.3	80.1	83.4	84.6
MSD RESULT	0.0640	0.0640	0.0653	0.0668	0.0684
MSD RECOVERY %	76.8	76.8	78.4	80.2	82.1
MS/MSD RPD %	2.32	4.43	2.12	3.96	3.02
BS RESULT	0.0660	0.0689	0.0683	0.0693	0.0707
BS RECOVERY %	79.2	82.7	82.0	83.2	84.9
BSD RESULT	0.0664	0.0690	0.0686	0.0675	0.0697
BSD RECOVERY %	79.7	82.8	82.4	81.0	83.7
BS/BSD RPD %	0.60	0.15	0.44	2.63	1.42
DUPLICATE RPD %	NA	NA	NA	NA	NA
LCS LEVEL	0.0830	0.0830	0.0830	0.0830	0.0830
LCS RESULT	SEE_BS	SEE_BS	SEE_BS	SEE_BS	SEE_BS
LCS RECOVERY %	SEE_BS	SEE_BS	SEE_BS	SEE_BS	SEE_BS
SPIKE SAMPLE ID	4708-3	4708-3	4708-3	4708-3	4708-3
DUP SAMPLE ID	---	---	---	---	---

SEE_BS LCS and LCS Duplicate reported as BS and BSD.
NA Not applicable



431 63

REPORT DATE : 8-MAY-1996

REPORT NUMBER : D96-4708

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ATTENTION : Mr. Steve Milam

LABORATORY QUALITY CONTROL REPORT

ANALYTE	4,4'-DDT	2,4-D	2,4,5-T	2,4,5-TP
BATCH NO.	AB715-96	AB715-99	AB715-99	AB715-99
LCS LOT NO.	AB604-11	AB604-4	AB604-4	AB604-4
PREP METHOD	EPA 3550A	EPA 8151	EPA 8151	EPA 8151
PREPARED BY	MGK	MGK	MGK	MGK
ANALYSIS METHOD	EPA 8080	EPA 8151	EPA 8151	EPA 8151
ANALYZED BY	TCR	MAK	MAK	MAK
UNITS	mg/Kg	mg/Kg	mg/Kg	mg/Kg
METHOD BLANK	< 0.008	< 0.20	< 0.04	< 0.04
SPIKE LEVEL	0.0833	0.330	0.0330	0.0330
MS RESULT	0.0680	0.303	0.0255	0.0244
MS RECOVERY %	81.6	91.8	77.3	73.9
MSD RESULT	0.0656	0.283	0.0242	0.0229
MSD RECOVERY %	78.8	85.8	73.3	69.4
MS/MSD RPD %	3.59	6.83	5.23	6.34
BS RESULT	0.0671	0.317	0.0269	0.0253
BS RECOVERY %	80.6	96.1	81.5	76.7
BSD RESULT	0.0692	0.303	0.0285	0.0265
BSD RECOVERY %	83.1	91.8	86.4	80.3
BS/BSD RPD %	3.08	4.52	5.78	4.63
DUPLICATE RPD %	NA	NA	NA	NA
LCS LEVEL	0.0830	0.330	0.0330	0.0330
LCS RESULT	SEE_BS	SEE_BS	SEE_BS	SEE_BS
LCS RECOVERY %	SEE_BS	SEE_BS	SEE_BS	SEE_BS
SPIKE SAMPLE ID	4708-3	4708-2	4708-2	4708-2
DUP SAMPLE ID	---	---	---	---

SEE_BS

LCS and LCS Duplicate reported as BS and BSD.
Not applicable



Inchcape Testing Services

Environmental Laboratories

1089 E. Collins Blvd.
Richardson, TX 75081
Tel. 214-238-5591
Fax. 214-238-5592

431 64

ANALYTICAL REPORT

DATE RECEIVED : 3-MAY-1996

REPORT NUMBER : D96-4846
REPORT DATE : 10-MAY-1996

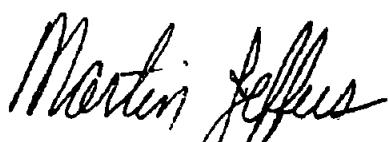
SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam
PURCHASE ORDER NO : 35168

Included in this data package are the analytical results for the sample group which you have submitted to Inchcape Testing Services for analysis. These results are representative of the samples as received by the laboratory.

The information contained herein has undergone extensive review and is deemed accurate and complete. Sample analysis and quality control were performed in accordance with all applicable protocols. Any deviations from these protocols or observations of interest are detailed in an accompanying Case Narrative. Please refrain from reproducing this report except in its entirety.

If you have any questions regarding this report and its associated materials please call your Project Manager at (214) 238-5591.

We appreciate the opportunity to serve you and look forward to providing continued service in the future.



Martin Jeffus
General Manager

431 64A



Inchcape Testing Services
Environmental Laboratories

DATE RECEIVED : 3-MAY-1996

REPORT NUMBER : D96-4846-1
REPORT DATE : 10-MAY-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
 ADDRESS : 2209 Wisconsin, Ste 200
 : Dallas, TX 75229
 ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
 ID MARKS : CR-A 110803
 PURCHASE ORDER NO : 35168
 DATE SAMPLED : 2-MAY-1996
 PREPARATION METHOD : EPA 8151
 PREPARED BY : MGK
 PREPARED ON : 7-MAY-1996
 ANALYSIS METHOD : EPA 8151 /1
 ANALYZED BY : MAK
 ANALYZED ON : 9-MAY-1996
 DILUTION FACTOR : 1
 METHOD FACTOR : 1
 QC BATCH NO : AB764-27

CHLORINATED HERBICIDES			
TEST REQUESTED	DETECTION LIMIT	RESULTS	
2,4-D	0.800 mg/Kg	<	0.800 mg/Kg
2,4-DB	0.600 mg/Kg	<	0.600 mg/Kg
2,4,5-T	0.100 mg/Kg	<	0.100 mg/Kg
2,4,5-TP(Silvex)	0.100 mg/Kg	<	0.100 mg/Kg
Dalapon	4.00 mg/Kg	<	4.00 mg/Kg
Dicamba	0.200 mg/Kg	<	0.200 mg/Kg
Dichlorprop	0.500 mg/Kg	<	0.500 mg/Kg
Dinoseb	0.0500 mg/Kg	<	0.0500 mg/Kg
MCPA	170 mg/Kg	<	170 mg/Kg
MCPP	130 mg/Kg	<	130 mg/Kg

431 64B



Inchcape Testing Services
Environmental Laboratories

REPORT NUMBER : D96-4846-1
ANALYSIS METHOD : EPA 8151 /1

PAGE 2

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	1000 µg/Kg	76.3 %



Inchcape Testing Services
Environmental Laboratories

431 65

DATE RECEIVED : 3-MAY-1996

REPORT NUMBER : D96-4846-1
REPORT DATE : 10-MAY-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : CR-A 110803
PURCHASE ORDER NO : 35168
DATE SAMPLED : 2-MAY-1996

MISCELLANEOUS ANALYSES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Total Solids	/1	0.01 %
Analyzed using ASTM D2216 mod. on 9-MAY-1996 by SAB QC Batch No : 7690110		



431 66

DATE RECEIVED : 3-MAY-1996

REPORT NUMBER : D96-4846-2
REPORT DATE : 10-MAY-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Liquid
ID MARKS : CR-A 111003
PURCHASE ORDER NO : 35168
DATE SAMPLED : 2-MAY-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : HCS
PREPARED ON : 8-MAY-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 10-MAY-1996
DILUTION FACTOR : 1
METHOD FACTOR : 1
QC BATCH NO : AB764-45

CHLORINATED HERBICIDES			
TEST REQUESTED	DETECTION LIMIT	RESULTS	
2,4-D	12.0 µg/L	<	12.0 µg/L
2,4-DB	9.00 µg/L	<	9.00 µg/L
2,4,5-T	2.00 µg/L	<	2.00 µg/L
2,4,5-TP(Silvex)	1.70 µg/L	<	1.70 µg/L
Dalapon	60.0 µg/L	<	60.0 µg/L
Dicamba	2.70 µg/L	<	2.70 µg/L
Dichlorprop	6.50 µg/L	<	6.50 µg/L
Dinoseb	0.700 µg/L	<	0.700 µg/L
MCPA	2500 µg/L	<	2500 µg/L
MCPP	1900 µg/L	<	1900 µg/L



431 67

REPORT NUMBER : D96-4846-2
ANALYSIS METHOD : EPA 8151 /1

PAGE 2

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	10.0 µg/L	86.6 %



431 68

DATE RECEIVED : 3-MAY-1996

REPORT NUMBER : D96-4846-3

REPORT DATE : 10-MAY-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Liquid
ID MARKS : Method Blank Liquid
PURCHASE ORDER NO : 35168
DATE SAMPLED : 2-MAY-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : HCS
PREPARED ON : 8-MAY-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 10-MAY-1996
DILUTION FACTOR : 1
METHOD FACTOR : 1
QC BATCH NO : AB764-45

CHLORINATED HERBICIDES			
TEST REQUESTED	DETECTION LIMIT	RESULTS	
2,4-D	12.0 µg/L	<	12.0 µg/L
2,4-DB	9.00 µg/L	<	9.00 µg/L
2,4,5-T	2.00 µg/L	<	2.00 µg/L
2,4,5-TP(Silvex)	1.70 µg/L	<	1.70 µg/L
Dalapon	60.0 µg/L	<	60.0 µg/L
Dicamba	2.70 µg/L	<	2.70 µg/L
Dichlorprop	6.50 µg/L	<	6.50 µg/L
Dinoseb	0.700 µg/L	<	0.700 µg/L
MCPA	2500 µg/L	<	2500 µg/L
MCPP	1900 µg/L	<	1900 µg/L



431 69

REPORT NUMBER : D96-4846-3
ANALYSIS METHOD : EPA 8151 /1

PAGE 2

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	10.0 µg/L	67.0 %



Inchcape Testing Services
Environmental Laboratories

431 70

DATE RECEIVED : 3-MAY-1996

REPORT NUMBER : D96-4846-4
REPORT DATE : 10-MAY-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Liquid
ID MARKS : LCS Liquid
PURCHASE ORDER NO : 35168
DATE SAMPLED : 2-MAY-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : HCS
PREPARED ON : 8-MAY-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 10-MAY-1996
DILUTION FACTOR : 1
METHOD FACTOR : 0.3
QC BATCH NO : AB764-45

CHLORINATED HERBICIDES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
2,4-D	3.60 µg/L	10.6 µg/L
2,4,5-T	0.600 µg/L	0.992 µg/L
2,4,5-TP(Silvex)	0.510 µg/L	0.883 µg/L

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	10.0 µg/L	82.5 %



Inchcape Testing Services
Environmental Laboratories

431 71

DATE RECEIVED : 3-MAY-1996

REPORT NUMBER : D96-4846-5
REPORT DATE : 10-MAY-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Liquid
ID MARKS : BS Liquid
PURCHASE ORDER NO : 35168
DATE SAMPLED : 2-MAY-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : HCS
PREPARED ON : 8-MAY-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 10-MAY-1996
DILUTION FACTOR : 1
METHOD FACTOR : 0.3
QC BATCH NO : AB764-45

CHLORINATED HERBICIDES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
2,4-D	3.60 µg/L	10.6 µg/L
2,4,5-T	0.600 µg/L	0.992 µg/L
2,4,5-TP(Silvex)	0.510 µg/L	0.883 µg/L

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	10.0 µg/L	82.5 %



431 72

DATE RECEIVED : 3-MAY-1996

REPORT NUMBER : D96-4846-6
REPORT DATE : 10-MAY-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Liquid
ID MARKS : BSD Liquid
PURCHASE ORDER NO : 35168
DATE SAMPLED : 2-MAY-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : HCS
PREPARED ON : 8-MAY-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 10-MAY-1996
DILUTION FACTOR : 1
METHOD FACTOR : 0.3
QC BATCH NO : AB764-45

CHLORINATED HERBICIDES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
2,4-D	3.60 µg/L	11.2 µg/L
2,4,5-T	0.600 µg/L	0.972 µg/L
2,4,5-TP(Silvex)	0.510 µg/L	0.904 µg/L

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	10.0 µg/L	85.5 %



431 73

DATE RECEIVED : 3-MAY-1996

REPORT NUMBER : D96-4846-7
REPORT DATE : 10-MAY-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : Method Blank Soil
PURCHASE ORDER NO : 35168
DATE SAMPLED : 2-MAY-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : MGK
PREPARED ON : 7-MAY-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 9-MAY-1996
DILUTION FACTOR : 1
METHOD FACTOR : 1
QC BATCH NO : AB764-27

CHLORINATED HERBICIDES			
TEST REQUESTED	DETECTION LIMIT	RESULTS	
2,4-D	0.800 mg/Kg	<	0.800 mg/Kg
2,4-DB	0.600 mg/Kg	<	0.600 mg/Kg
2,4,5-T	0.100 mg/Kg	<	0.100 mg/Kg
2,4,5-TP(Silvex)	0.100 mg/Kg	<	0.100 mg/Kg
Dalapon	4.00 mg/Kg	<	4.00 mg/Kg
Dicamba	0.200 mg/Kg	<	0.200 mg/Kg
Dichlorprop	0.500 mg/Kg	<	0.500 mg/Kg
Dinoseb	0.0500 mg/Kg	<	0.0500 mg/Kg
MCPA	170 mg/Kg	<	170 mg/Kg
MCPP	130 mg/Kg	<	130 mg/Kg



431 74

REPORT NUMBER : D96-4846-7
ANALYSIS METHOD : EPA 8151 /1

PAGE 2

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	1000 µg/Kg	79.9 %



Inchcape Testing Services
Environmental Laboratories

431 75

DATE RECEIVED : 3-MAY-1996

REPORT NUMBER : D96-4846-8

REPORT DATE : 10-MAY-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : LCS Soil
PURCHASE ORDER NO : 35168
DATE SAMPLED : 2-MAY-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : MGK
PREPARED ON : 7-MAY-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 9-MAY-1996
DILUTION FACTOR : 1
METHOD FACTOR : 0.2
QC BATCH NO : AB764-27

CHLORINATED HERBICIDES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
2,4-D	0.160 mg/Kg	0.330 mg/Kg
2,4,5-T	0.0200 mg/Kg	0.0314 mg/Kg
2,4,5-TP(Silvex)	0.0200 mg/Kg	0.0265 mg/Kg

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	1000 µg/Kg	78.1 %



Inchcape Testing Services
Environmental Laboratories

431 76

DATE RECEIVED : 3-MAY-1996

REPORT NUMBER : D96-4846-9
REPORT DATE : 10-MAY-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : MS Soil
PURCHASE ORDER NO : 35168
DATE SAMPLED : 2-MAY-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : MGK
PREPARED ON : 7-MAY-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 9-MAY-1996
DILUTION FACTOR : 1
METHOD FACTOR : 0.2
QC BATCH NO : AB764-27

CHLORINATED HERBICIDES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
2,4-D	0.160 mg/Kg	0.305 mg/Kg
2,4,5-T	0.0200 mg/Kg	0.0275 mg/Kg
2,4,5-TP(Silvex)	0.0200 mg/Kg	0.0257 mg/Kg

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	1000 µg/Kg	75.7 %



Inchcape Testing Services
Environmental Laboratories

431 77

DATE RECEIVED : 3-MAY-1996

REPORT NUMBER : D96-4846-10

REPORT DATE : 10-MAY-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : MSD Soil
PURCHASE ORDER NO : 35168
DATE SAMPLED : 2-MAY-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : MGK
PREPARED ON : 7-MAY-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 9-MAY-1996
DILUTION FACTOR : 1
METHOD FACTOR : 0.2
QC BATCH NO : AB764-27

CHLORINATED HERBICIDES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
2,4-D	0.160 mg/Kg	0.292 mg/Kg
2,4,5-T	0.0200 mg/Kg	0.0262 mg/Kg
2,4,5-TP(Silvex)	0.0200 mg/Kg	0.0242 mg/Kg

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	1000 µg/Kg	69.7 %



Inchcape Testing Services

Environmental Laboratories

1089 E. Collins Blvd.
Richardson, TX 75081
Tel. 214-238-5591
Fax. 214-238-5592

431 78

ANALYTICAL REPORT

DATE RECEIVED : 6-MAY-1996

REPORT NUMBER : D96-4899
REPORT DATE : 11-MAY-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam
PURCHASE ORDER NO : 35169

Included in this data package are the analytical results for the sample group which you have submitted to Inchcape Testing Services for analysis. These results are representative of the samples as received by the laboratory.

The information contained herein has undergone extensive review and is deemed accurate and complete. Sample analysis and quality control were performed in accordance with all applicable protocols. Any deviations from these protocols or observations of interest are detailed in an accompanying Case Narrative. Please refrain from reproducing this report except in its entirety.

If you have any questions regarding this report and its associated materials please call your Project Manager at (214) 238-5591.

We appreciate the opportunity to serve you and look forward to providing continued service in the future.

Martin Jeffus
General Manager



431 79

DATE RECEIVED : 6-MAY-1996

REPORT NUMBER : D96-4899-1
REPORT DATE : 11-MAY-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : CR-A 111203
PURCHASE ORDER NO : 35169
DATE SAMPLED : 3-MAY-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : MGK
PREPARED ON : 7-MAY-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 9-MAY-1996
DILUTION FACTOR : 1
METHOD FACTOR : 1
QC BATCH NO : AB764-27

CHLORINATED HERBICIDES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
2,4-D	0.800 mg/Kg	< 0.800 mg/Kg
2,4-DB	0.600 mg/Kg	< 0.600 mg/Kg
2,4,5-T	0.100 mg/Kg	< 0.100 mg/Kg
2,4,5-TP(Silvex)	0.100 mg/Kg	< 0.100 mg/Kg
Dalapon	4.00 mg/Kg	< 4.00 mg/Kg
Dicamba	0.200 mg/Kg	< 0.200 mg/Kg
Dichlorprop	0.500 mg/Kg	< 0.500 mg/Kg
Dinoseb	0.0500 mg/Kg	< 0.0500 mg/Kg
MCPA	170 mg/Kg	< 170 mg/Kg
MCPP	130 mg/Kg	< 130 mg/Kg



Inchcape Testing Services
Environmental Laboratories

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REPORT NUMBER : D96-4899-1
ANALYSIS METHOD : EPA 8151 /1

PAGE 2

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	1000 µg/Kg	76.0 %



Inchcape Testing Services
Environmental Laboratories

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DATE RECEIVED : 6-MAY-1996

REPORT NUMBER : D96-4899-1
REPORT DATE : 11-MAY-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : CR-A 111203
PURCHASE ORDER NO : 35169
DATE SAMPLED : 3-MAY-1996

MISCELLANEOUS ANALYSES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Total Solids	/1	0.01 %
Analyzed using ASTM D2216 mod. on 10-MAY-1996 by SAB QC Batch No : 769013F		



431 82

DATE RECEIVED : 6-MAY-1996

REPORT NUMBER : D96-4899-2
REPORT DATE : 11-MAY-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Liquid
ID MARKS : CR-A 111303
PURCHASE ORDER NO : 35169
DATE SAMPLED : 3-MAY-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : HCS
PREPARED ON : 8-MAY-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 10-MAY-1996
DILUTION FACTOR : 1
METHOD FACTOR : 1
QC BATCH NO : AB764-45

CHLORINATED HERBICIDES					
TEST REQUESTED	DETECTION LIMIT		RESULTS		
2,4-D	12.0	µg/L	<	12.0	µg/L
2,4-DB	9.00	µg/L	<	9.00	µg/L
2,4,5-T	2.00	µg/L	<	2.00	µg/L
2,4,5-TP(Silvex)	1.70	µg/L	<	1.70	µg/L
Dalapon	60.0	µg/L	<	60.0	µg/L
Dicamba	2.70	µg/L	<	2.70	µg/L
Dichlorprop	6.50	µg/L	<	6.50	µg/L
Dinoseb	0.700	µg/L	<	0.700	µg/L
MCPA	2500	µg/L	<	2500	µg/L
MCPP	1900	µg/L	<	1900	µg/L



Inchcape Testing Services
Environmental Laboratories

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REPORT NUMBER : D96-4899-2
ANALYSIS METHOD : EPA 8151 /1

PAGE 2

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	10.0 µg/L	86.1 %



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DATE RECEIVED : 6-MAY-1996

REPORT NUMBER : D96-4899-3
REPORT DATE : 11-MAY-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : CR-A 111103
PURCHASE ORDER NO : 35169
DATE SAMPLED : 3-MAY-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : MGK
PREPARED ON : 7-MAY-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 9-MAY-1996
DILUTION FACTOR : 1
METHOD FACTOR : 1
QC BATCH NO : AB764-27

CHLORINATED HERBICIDES			
TEST REQUESTED	DETECTION LIMIT	RESULTS	
2,4-D	0.800 mg/Kg	<	0.800 mg/Kg
2,4-DB	0.600 mg/Kg	<	0.600 mg/Kg
2,4,5-T	0.100 mg/Kg	<	0.100 mg/Kg
2,4,5-TP(Silvex)	0.100 mg/Kg	<	0.100 mg/Kg
Dalapon	4.00 mg/Kg	<	4.00 mg/Kg
Dicamba	0.200 mg/Kg	<	0.200 mg/Kg
Dichlorprop	0.500 mg/Kg	<	0.500 mg/Kg
Dinoseb	0.0500 mg/Kg	<	0.0500 mg/Kg
MCPA	170 mg/Kg	<	170 mg/Kg
MCPP	130 mg/Kg	<	130 mg/Kg



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REPORT NUMBER : D96-4899-3
ANALYSIS METHOD : EPA 8151 /1

PAGE 2

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	1000 µg/Kg	72.4 %



Inchcape Testing Services
Environmental Laboratories

431 86

DATE RECEIVED : 6-MAY-1996

REPORT NUMBER : D96-4899-3
REPORT DATE : 11-MAY-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : CR-A 111103
PURCHASE ORDER NO : 35169
DATE SAMPLED : 3-MAY-1996

MISCELLANEOUS ANALYSES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Total Solids	/1	0.01 %
Analyzed using ASTM D2216 mod. on 10-MAY-1996 by SAB QC Batch No : 769013F		



431 87

DATE RECEIVED : 6-MAY-1996

REPORT NUMBER : D96-4899-4
REPORT DATE : 11-MAY-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : CR-A 110903
PURCHASE ORDER NO : 35169
DATE SAMPLED : 3-MAY-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : MGK
PREPARED ON : 7-MAY-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 9-MAY-1996
DILUTION FACTOR : 1
METHOD FACTOR : 1
QC BATCH NO : AB764-27

CHLORINATED HERBICIDES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
2,4-D	0.800 mg/Kg	< 0.800 mg/Kg
2,4-DB	0.600 mg/Kg	< 0.600 mg/Kg
2,4,5-T	0.100 mg/Kg	< 0.100 mg/Kg
2,4,5-TP(Silvex)	0.100 mg/Kg	< 0.100 mg/Kg
Dalapon	4.00 mg/Kg	< 4.00 mg/Kg
Dicamba	0.200 mg/Kg	< 0.200 mg/Kg
Dichlorprop	0.500 mg/Kg	< 0.500 mg/Kg
Dinoseb	0.0500 mg/Kg	< 0.0500 mg/Kg
MCPA	170 mg/Kg	< 170 mg/Kg
MCPP	130 mg/Kg	< 130 mg/Kg



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REPORT NUMBER : D96-4899-4
ANALYSIS METHOD : EPA 8151 /1

PAGE 2

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	1000 µg/Kg	79.9 %



Inchcape Testing Services
Environmental Laboratories

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DATE RECEIVED : 6-MAY-1996

REPORT NUMBER : D96-4899-4
REPORT DATE : 11-MAY-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : CR-A 110903
PURCHASE ORDER NO : 35169
DATE SAMPLED : 3-MAY-1996

MISCELLANEOUS ANALYSES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Total Solids	/1	0.01 %
Analyzed using ASTM D2216 mod. on 10-MAY-1996 by SAB QC Batch No : 769013F		



Inchcape Testing Services
Environmental Laboratories

431 90

DATE RECEIVED : 6-MAY-1996

REPORT NUMBER : D96-4899-5
REPORT DATE : 11-MAY-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : Method Blank Soil
PURCHASE ORDER NO : 35169
DATE SAMPLED : 6-MAY-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : MGK
PREPARED ON : 7-MAY-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 9-MAY-1996
DILUTION FACTOR : 1
METHOD FACTOR : 1
QC BATCH NO : AB764-27

CHLORINATED HERBICIDES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
2,4-D	0.800 mg/Kg	< 0.800 mg/Kg
2,4-DB	0.600 mg/Kg	< 0.600 mg/Kg
2,4,5-T	0.100 mg/Kg	< 0.100 mg/Kg
2,4,5-TP(Silvex)	0.100 mg/Kg	< 0.100 mg/Kg
Dalapon	4.00 mg/Kg	< 4.00 mg/Kg
Dicamba	0.200 mg/Kg	< 0.200 mg/Kg
Dichlorprop	0.500 mg/Kg	< 0.500 mg/Kg
Dinoseb	0.0500 mg/Kg	< 0.0500 mg/Kg
MCPA	170 mg/Kg	< 170 mg/Kg
MCPP	130 mg/Kg	< 130 mg/Kg



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REPORT NUMBER : D96-4899-5
ANALYSIS METHOD : EPA 8151 /1

PAGE 2

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	1000 µg/Kg	79.9 %



Inchcape Testing Services
Environmental Laboratories

431 92

DATE RECEIVED : 6-MAY-1996

REPORT NUMBER : D96-4899-6
REPORT DATE : 11-MAY-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : LCS Soil
PURCHASE ORDER NO : 35169
DATE SAMPLED : 6-MAY-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : MGK
PREPARED ON : 7-MAY-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 9-MAY-1996
DILUTION FACTOR : 1
METHOD FACTOR : 0.2
QC BATCH NO : AB764-27

CHLORINATED HERBICIDES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
2,4-D	0.160 mg/Kg	0.330 mg/Kg
2,4,5-T	0.0200 mg/Kg	0.0314 mg/Kg
2,4,5-TP(Silvex)	0.0200 mg/Kg	0.0265 mg/Kg

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	1000 µg/Kg	78.1 %



Inchcape Testing Services
Environmental Laboratories

431 93

DATE RECEIVED : 6-MAY-1996

REPORT NUMBER : D96-4899-7
REPORT DATE : 11-MAY-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : MS Soil
PURCHASE ORDER NO : 35169
DATE SAMPLED : 6-MAY-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : MGK
PREPARED ON : 7-MAY-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 9-MAY-1996
DILUTION FACTOR : 1
METHOD FACTOR : 0.2
QC BATCH NO : AB764-27

CHLORINATED HERBICIDES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
2,4-D	0.160 mg/Kg	0.305 mg/Kg
2,4,5-T	0.0200 mg/Kg	0.0275 mg/Kg
2,4,5-TP(Silvex)	0.0200 mg/Kg	0.0257 mg/Kg

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	1000 µg/Kg	75.7 %



Inchcape Testing Services
Environmental Laboratories

431 94

DATE RECEIVED : 6-MAY-1996

REPORT NUMBER : D96-4899-8
REPORT DATE : 11-MAY-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : MSD Soil
PURCHASE ORDER NO : 35169
DATE SAMPLED : 6-MAY-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : MGK
PREPARED ON : 7-MAY-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 9-MAY-1996
DILUTION FACTOR : 1
METHOD FACTOR : 0.2
QC BATCH NO : AB764-27

CHLORINATED HERBICIDES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
2,4-D	0.160 mg/Kg	0.292 mg/Kg
2,4,5-T	0.0200 mg/Kg	0.0262 mg/Kg
2,4,5-TP(Silvex)	0.0200 mg/Kg	0.0242 mg/Kg

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	1000 µg/Kg	69.7 %



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DATE RECEIVED : 6-MAY-1996

REPORT NUMBER : D96-4899-9
REPORT DATE : 11-MAY-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Liquid
ID MARKS : Method Blank Liquid
PURCHASE ORDER NO : 35169
DATE SAMPLED : 6-MAY-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : HCS
PREPARED ON : 8-MAY-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 10-MAY-1996
DILUTION FACTOR : 1
METHOD FACTOR : 1
QC BATCH NO : AB764-45

CHLORINATED HERBICIDES			
TEST REQUESTED	DETECTION LIMIT	RESULTS	
2,4-D	12.0 µg/L	<	12.0 µg/L
2,4-DB	9.00 µg/L	<	9.00 µg/L
2,4,5-T	2.00 µg/L	<	2.00 µg/L
2,4,5-TP(Silvex)	1.70 µg/L	<	1.70 µg/L
Dalapon	60.0 µg/L	<	60.0 µg/L
Dicamba	2.70 µg/L	<	2.70 µg/L
Dichlorprop	6.50 µg/L	<	6.50 µg/L
Dinoseb	0.700 µg/L	<	0.700 µg/L
MCPA	2500 µg/L	<	2500 µg/L
MCPP	1900 µg/L	<	1900 µg/L



431 96

REPORT NUMBER : D96-4899-9
ANALYSIS METHOD : EPA 8151 /1

PAGE 2

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	10.0 µg/L	67.0 %



Inchcape Testing Services
Environmental Laboratories

431 97

DATE RECEIVED : 6-MAY-1996

REPORT NUMBER : D96-4899-10

REPORT DATE : 11-MAY-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Liquid
ID MARKS : LCS Liquid
PURCHASE ORDER NO : 35169
DATE SAMPLED : 6-MAY-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : HCS
PREPARED ON : 8-MAY-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 10-MAY-1996
DILUTION FACTOR : 1
METHOD FACTOR : 0.3
QC BATCH NO : AB764-45

CHLORINATED HERBICIDES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
2,4-D	3.60 µg/L	10.6 µg/L
2,4,5-T	0.600 µg/L	0.992 µg/L
2,4,5-TP(Silvex)	0.510 µg/L	0.883 µg/L

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	10.0 µg/L	82.5 %



431 98

DATE RECEIVED : 6-MAY-1996

REPORT NUMBER : D96-4899-11
REPORT DATE : 11-MAY-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Liquid
ID MARKS : BS Liquid
PURCHASE ORDER NO : 35169
DATE SAMPLED : 6-MAY-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : HCS
PREPARED ON : 8-MAY-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 10-MAY-1996
DILUTION FACTOR : 1
METHOD FACTOR : 0.3
QC BATCH NO : AB764-45

CHLORINATED HERBICIDES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
2,4-D	3.60 µg/L	10.6 µg/L
2,4,5-T	0.600 µg/L	0.992 µg/L
2,4,5-TP(Silvex)	0.510 µg/L	0.883 µg/L

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	10.0 µg/L	82.5 %



431 99

DATE RECEIVED : 6-MAY-1996

REPORT NUMBER : D96-4899-12

REPORT DATE : 11-MAY-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Liquid
ID MARKS : BSD Liquid
PURCHASE ORDER NO : 35169
DATE SAMPLED : 6-MAY-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : HCS
PREPARED ON : 8-MAY-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 10-MAY-1996
DILUTION FACTOR : 1
METHOD FACTOR : 0.3
QC BATCH NO : AB764-45

CHLORINATED HERBICIDES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
2,4-D	3.60 µg/L	11.2 µg/L
2,4,5-T	0.600 µg/L	0.972 µg/L
2,4,5-TP(Silvex)	0.510 µg/L	0.904 µg/L

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	10.0 µg/L	85.5 %



431 100

REPORT DATE : 10-MAY-1996

REPORT NUMBER : D96-4846

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ATTENTION : Mr. Steve Milam

LABORATORY QUALITY CONTROL REPORT

ANALYTE	2,4-D	2,4,5-T	2,4,5-TP	2,4-D	2,4,5-T
BATCH NO.	AB764-45	AB764-45	AB764-45	AB764-27	AB764-27
LCS LOT NO.	AB604-4	AB604-4	AB604-4	AB604-4	AB604-4
PREP METHOD	EPA 8151				
PREPARED BY	HCS	HCS	HCS	MGK	MGK
ANALYSIS METHOD	EPA 8151				
ANALYZED BY	MAK	MAK	MAK	MAK	MAK
UNITS	µg/L	µg/L	µg/L	mg/Kg	mg/Kg
METHOD BLANK	< 1.00	< 0.20	< 0.20	< 0.20	< 0.04
SPIKE LEVEL	10.0	1.00	1.00	0.330	0.0330
MS RESULT	NS	NS	NS	0.305	0.0275
MS RECOVERY %	NS	NS	NS	92.4	83.3
MSD RESULT	NS	NS	NS	0.292	0.0262
MSD RECOVERY %	NS	NS	NS	88.5	79.4
MS/MSD RPD %	NS	NS	NS	4.36	4.84
BS RESULT	10.6	0.992	0.883	0.330	0.0314
BS RECOVERY %	106	99.2	88.3	100	95.2
BSD RESULT	11.2	0.972	0.904	0.330	0.0314
BSD RECOVERY %	112	97.2	90.4	100	95.2
BS/BSD RPD %	5.50	2.04	2.35	0.00	0.00
DUPLICATE RPD %	NA	NA	NA	NA	NA
LCS LEVEL	10.0	1.00	1.00	0.330	0.0330
LCS RESULT	SEE_BS	SEE_BS	SEE_BS	SEE_BS	SEE_BS
LCS RECOVERY %	SEE_BS	SEE_BS	SEE_BS	SEE_BS	SEE_BS
SPIKE SAMPLE ID	---	---	---	4899-1	4899-1
DUP SAMPLE ID	---	---	---	---	---

NS Insufficient sample available for MS/MSD. BS/BSD used.
SEE_BS LCS and LCS Duplicate reported as BS and BSD.
NA Not applicable



431 101

REPORT DATE : 10-MAY-1996

REPORT NUMBER : D96-4846

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ATTENTION : Mr. Steve Milam

LABORATORY QUALITY CONTROL REPORT

ANALYTE	2,4,5-TP
BATCH NO.	AB764-27
LCS LOT NO.	AB604-4
PREP METHOD	EPA 8151
PREPARED BY	MGK
ANALYSIS METHOD	EPA 8151
ANALYZED BY	MAK
UNITS	mg/Kg
METHOD BLANK	< 0.04
SPIKE LEVEL	0.0330
MS RESULT	0.0257
MS RECOVERY %	77.9
MSD RESULT	0.0242
MSD RECOVERY %	73.3
MS/MSD RPD %	6.01
BS RESULT	0.0265
BS RECOVERY %	80.3
BSD RESULT	0.0265
BSD RECOVERY %	80.3
BS/BSD RPD %	0.00
DUPLICATE RPD %	NA
LCS LEVEL	0.0330
LCS RESULT	SEE_BS
LCS RECOVERY %	SEE_BS
SPIKE SAMPLE ID	4899-1
DUP SAMPLE ID	---

SEE_BS LCS and LCS Duplicate reported as BS and BSD.
NA Not applicable



431 102

REPORT DATE : 11-MAY-1996

REPORT NUMBER : D96-4899

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ATTENTION : Mr. Steve Milam

LABORATORY QUALITY CONTROL REPORT

ANALYTE	2,4-D	2,4,5-T	2,4,5-TP	2,4-D	2,4,5-T
BATCH NO.	AB764-45	AB764-45	AB764-45	AB764-27	AB764-27
LCS LOT NO.	AB604-4	AB604-4	AB604-4	AB604-4	AB604-4
PREP METHOD	EPA 8151				
PREPARED BY	HCS	HCS	HCS	MGK	MGK
ANALYSIS METHOD	EPA 8151				
ANALYZED BY	MAK	MAK	MAK	MAK	MAK
UNITS	µg/L	µg/L	µg/L	mg/Kg	mg/Kg
METHOD BLANK	< 1.00	< 0.20	< 0.20	< 0.20	< 0.04
SPIKE LEVEL	10.0	1.00	1.00	0.330	0.0330
MS RESULT	NS	NS	NS	0.305	0.0275
MS RECOVERY %	NS	NS	NS	92.4	83.3
MSD RESULT	NS	NS	NS	0.292	0.0262
MSD RECOVERY %	NS	NS	NS	88.5	79.4
MS/MSD RPD %	NS	NS	NS	4.36	4.84
BS RESULT	10.6	0.992	0.883	0.330	0.0314
BS RECOVERY %	106	99.2	88.3	100	95.2
BSD RESULT	11.2	0.972	0.904	0.330	0.0314
BSD RECOVERY %	112	97.2	90.4	100	95.2
BS/BSD RPD %	5.50	2.04	2.35	0.00	0.00
DUPLICATE RPD %	NA	NA	NA	NA	NA
LCS LEVEL	10.0	1.00	1.00	0.330	0.0330
LCS RESULT	SEE_BS	SEE_BS	SEE_BS	SEE_BS	SEE_BS
LCS RECOVERY %	SEE_BS	SEE_BS	SEE_BS	SEE_BS	SEE_BS
SPIKE SAMPLE ID	---	---	---	4899-1	4899-1
DUP SAMPLE ID	---	---	---	---	---

NS Insufficient sample available for MS/MSD. BS/BSD used.

SEE_BS LCS and LCS Duplicate reported as BS and BSD.

NA Not applicable



431 103

REPORT DATE : 11-MAY-1996

REPORT NUMBER : D96-4899

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ATTENTION : Mr. Steve Milam

LABORATORY QUALITY CONTROL REPORT

ANALYTE	2,4,5-TP
BATCH NO.	AB764-27
LCS LOT NO.	AB604-4
PREP METHOD	EPA 8151
PREPARED BY	MGK
ANALYSIS METHOD	EPA 8151
ANALYZED BY	MAK
UNITS	mg/Kg
METHOD BLANK	< 0.04
SPIKE LEVEL	0.0330
MS RESULT	0.0257
MS RECOVERY %	77.9
MSD RESULT	0.0242
MSD RECOVERY %	73.3
MS/MSD RPD %	6.01
BS RESULT	0.0265
BS RECOVERY %	80.3
BSD RESULT	0.0265
BSD RECOVERY %	80.3
BS/BSD RPD %	0.00
DUPLICATE RPD %	NA
LCS LEVEL	0.0330
LCS RESULT	SEE_BS
LCS RECOVERY %	SEE_BS
SPIKE SAMPLE ID	4899-1
DUP SAMPLE ID	---

SEE_BS LCS and LCS Duplicate reported as BS and BSD.
NA Not applicable



Inchcape Testing Services
Environmental Laboratories

431 104

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-1
REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : 96-0591-01
PURCHASE ORDER NO : 35119
DATE SAMPLED : 14-MAR-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : CLT
PREPARED ON : 15-MAR-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 18-MAR-1996
DILUTION FACTOR : 1
METHOD FACTOR : 1
QC BATCH NO : AB711-35

CHLORINATED HERBICIDES			
TEST REQUESTED	DETECTION LIMIT	RESULTS	
2,4-D	0.923 mg/Kg	<	0.923 mg/Kg
2,4-DB	0.692 mg/Kg	<	0.692 mg/Kg
2,4,5-T	0.115 mg/Kg	<	0.115 mg/Kg
2,4,5-TP(Silvex)	0.115 mg/Kg	<	0.115 mg/Kg
Dalapon	4.61 mg/Kg	<	4.61 mg/Kg
Dicamba	0.231 mg/Kg	<	0.231 mg/Kg
Dichlorprop	0.577 mg/Kg	<	0.577 mg/Kg
Dinoseb	0.0577 mg/Kg	<	0.0577 mg/Kg
MCPA	196 mg/Kg	<	196 mg/Kg
MCPP	150 mg/Kg	<	150 mg/Kg



Inchcape Testing Services
Environmental Laboratories

431 105

REPORT NUMBER : D96-2669-1
ANALYSIS METHOD : EPA 8151 /1

PAGE 2

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	1000 µg/Kg	77.8 %

Applicable results are reported on Dry Weight basis.



Inchcape Testing Services
Environmental Laboratories

431.106

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-1
REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : 96-0591-01
PURCHASE ORDER NO : 35119
DATE SAMPLED : 14-MAR-1996

MISCELLANEOUS ANALYSES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Total Solids	/1	0.01 %
Analyzed using ASTM D2216 mod. on 21-MAR-1996 by QC Batch No : 032196-C		

Applicable results are reported on Dry Weight basis.



Inchcape Testing Services
Environmental Laboratories

431 107

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-2
REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : 96-0591-02
PURCHASE ORDER NO : 35119
DATE SAMPLED : 14-MAR-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : CLT
PREPARED ON : 15-MAR-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 19-MAR-1996
DILUTION FACTOR : 1
METHOD FACTOR : 1
QC BATCH NO : AB711-35

CHLORINATED HERBICIDES			
TEST REQUESTED	DETECTION LIMIT	RESULTS	
2,4-D	0.911 mg/Kg	<	0.911 mg/Kg
2,4-DB	0.683 mg/Kg	<	0.683 mg/Kg
2,4,5-T	0.114 mg/Kg	<	0.114 mg/Kg
2,4,5-TP(Silvex)	0.114 mg/Kg	<	0.114 mg/Kg
Dalapon	4.56 mg/Kg	<	4.56 mg/Kg
Dicamba	0.228 mg/Kg	<	0.228 mg/Kg
Dichlorprop	0.569 mg/Kg	<	0.569 mg/Kg
Dinoseb	0.0570 mg/Kg	<	0.0570 mg/Kg
MCPA	194 mg/Kg	<	194 mg/Kg
MCPP	148 mg/Kg	<	148 mg/Kg



Inchcape Testing Services
Environmental Laboratories

431 108

REPORT NUMBER : D96-2669-2
ANALYSIS METHOD : EPA 8151 /1

PAGE 2

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	1000 µg/Kg	82.0 %

Applicable results are reported on Dry Weight basis.



Inchcape Testing Services
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431 100

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-2
REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : 96-0591-02
PURCHASE ORDER NO : 35119
DATE SAMPLED : 14-MAR-1996

MISCELLANEOUS ANALYSES			
TEST REQUESTED	DETECTION LIMIT	RESULTS	
Total Solids	/1	0.01 %	87.8 %
Analyzed using ASTM D2216 mod. on 21-MAR-1996 by QC Batch No : 032196-C			

Applicable results are reported on Dry Weight basis.



Inchcape Testing Services
Environmental Laboratories

431 110

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-3
REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : 96-0591-03
PURCHASE ORDER NO : 35119
DATE SAMPLED : 14-MAR-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : CLT
PREPARED ON : 15-MAR-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 19-MAR-1996
DILUTION FACTOR : 1
METHOD FACTOR : 1
QC BATCH NO : AB711-35

CHLORINATED HERBICIDES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
2,4-D	0.874 mg/Kg	< 0.874 mg/Kg
2,4-DB	0.656 mg/Kg	< 0.656 mg/Kg
2,4,5-T	0.109 mg/Kg	< 0.109 mg/Kg
2,4,5-TP(Silvex)	0.109 mg/Kg	< 0.109 mg/Kg
Dalepon	4.37 mg/Kg	< 4.37 mg/Kg
Dicamba	0.219 mg/Kg	< 0.219 mg/Kg
Dichlorprop	0.546 mg/Kg	< 0.546 mg/Kg
Dinoseb	0.0546 mg/Kg	< 0.0546 mg/Kg
MCPA	186 mg/Kg	< 186 mg/Kg
MCPP	142 mg/Kg	< 142 mg/Kg



Inchcape Testing Services
Environmental Laboratories

431 111

REPORT NUMBER : D96-2669-3
ANALYSIS METHOD : EPA 8151 /1

PAGE 2

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	1000 µg/Kg	85.0 %

Applicable results are reported on Dry Weight basis.



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431 112

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-3
REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.

ADDRESS : 2209 Wisconsin, Ste 200

: Dallas, TX 75229

ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil

ID MARKS : 96-0591-03

PURCHASE ORDER NO : 35119

DATE SAMPLED : 14-MAR-1996

MISCELLANEOUS ANALYSES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Total Solids	/1	0.01 %
Analyzed using ASTM D2216 mod. on 21-MAR-1996 by QC Batch No : 032196-C		

Applicable results are reported on Dry Weight basis.



Inchcape Testing Services
Environmental Laboratories

431 113

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-4

REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.

ADDRESS : 2209 Wisconsin, Ste 200

: Dallas, TX 75229

ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil

ID MARKS : 96-0591-04

PURCHASE ORDER NO : 35119

DATE SAMPLED : 14-MAR-1996

PREPARATION METHOD : EPA 8151

PREPARED BY : CLT

PREPARED ON : 15-MAR-1996

ANALYSIS METHOD : EPA 8151 /1

ANALYZED BY : MAK

ANALYZED ON : 19-MAR-1996

DILUTION FACTOR : 1

METHOD FACTOR : 1

QC BATCH NO : AB711-35

CHLORINATED HERBICIDES

TEST REQUESTED	DETECTION LIMIT	RESULTS	
2,4-D	0.878 mg/Kg	<	0.878 mg/Kg
2,4-DB	0.659 mg/Kg	<	0.659 mg/Kg
2,4,5-T	0.110 mg/Kg	<	0.110 mg/Kg
2,4,5-TP(Silvex)	0.110 mg/Kg	<	0.110 mg/Kg
Dalapon	4.39 mg/Kg	<	4.39 mg/Kg
Dicamba	0.220 mg/Kg	<	0.220 mg/Kg
Dichlorprop	0.549 mg/Kg	<	0.549 mg/Kg
Dinoseb	0.0549 mg/Kg	<	0.0549 mg/Kg
MCPA	187 mg/Kg	<	187 mg/Kg
MCPP	143 mg/Kg	<	143 mg/Kg



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Environmental Laboratories

431 114

REPORT NUMBER : D96-2669-4
ANALYSIS METHOD : EPA 8151 /1

PAGE 2

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	1000 $\mu\text{g/Kg}$	76.6 %

Applicable results are reported on Dry Weight basis.



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Environmental Laboratories

431 115

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-4

REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.

ADDRESS : 2209 Wisconsin, Ste 200

: Dallas, TX 75229

ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil

ID MARKS : 96-0591-04

PURCHASE ORDER NO : 35119

DATE SAMPLED : 14-MAR-1996

MISCELLANEOUS ANALYSES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Total Solids	/1	0.01 %
Analyzed using ASTM D2216 mod. on 21-MAR-1996 by QC Batch No : 032196-C		

Applicable results are reported on Dry Weight basis.



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Environmental Laboratories

431 116

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-5
REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : 96-0591-05
PURCHASE ORDER NO : 35119
DATE SAMPLED : 14-MAR-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : CLT
PREPARED ON : 15-MAR-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 19-MAR-1996
DILUTION FACTOR : 1
METHOD FACTOR : 1
QC BATCH NO : AB711-35

CHLORINATED HERBICIDES			
TEST REQUESTED	DETECTION LIMIT	RESULTS	
2,4-D	0.821 mg/Kg	<	0.821 mg/Kg
2,4-DB	0.615 mg/Kg	<	0.615 mg/Kg
2,4,5-T	0.103 mg/Kg	<	0.103 mg/Kg
2,4,5-TP(Silvex)	0.103 mg/Kg	<	0.103 mg/Kg
Dalapon	4.10 mg/Kg	<	4.10 mg/Kg
Dicamba	0.205 mg/Kg	<	0.205 mg/Kg
Dichlorprop	0.513 mg/Kg	<	0.513 mg/Kg
Dinoseb	0.0513 mg/Kg	<	0.0513 mg/Kg
MCPA	174 mg/Kg	<	174 mg/Kg
MCPP	133 mg/Kg	<	133 mg/Kg



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Environmental Laboratories

431 117

REPORT NUMBER : D96-2669-5
ANALYSIS METHOD : EPA 8151 /1

PAGE 2

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	1000 µg/Kg	71.5 %

Applicable results are reported on Dry Weight basis.



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Environmental Laboratories

431 118

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-5
REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : 96-0591-05
PURCHASE ORDER NO : 35119
DATE SAMPLED : 14-MAR-1996

MISCELLANEOUS ANALYSES			
TEST REQUESTED	DETECTION LIMIT	RESULTS	
Total Solids	/1	0.01	%
Analyzed using ASTM D2216 mod. on 21-MAR-1996 by QC Batch No : 032196-C			

Applicable results are reported on Dry Weight basis.



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Environmental Laboratories

431 119

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-6
REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : 96-0591-06
PURCHASE ORDER NO : 35119
DATE SAMPLED : 14-MAR-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : CLT
PREPARED ON : 15-MAR-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 19-MAR-1996
DILUTION FACTOR : 1
METHOD FACTOR : 1
QC BATCH NO : AB711-35

CHLORINATED HERBICIDES			
TEST REQUESTED	DETECTION LIMIT	RESULTS	
2,4-D	0.820 mg/Kg	<	0.820 mg/Kg
2,4-DB	0.615 mg/Kg	<	0.615 mg/Kg
2,4,5-T	0.102 mg/Kg	<	0.102 mg/Kg
2,4,5-TP(Silvex)	0.102 mg/Kg	<	0.102 mg/Kg
Dalapon	4.10 mg/Kg	<	4.10 mg/Kg
Dicamba	0.205 mg/Kg	<	0.205 mg/Kg
Dichlorprop	0.512 mg/Kg	<	0.512 mg/Kg
Dinoseb	0.0512 mg/Kg	<	0.0512 mg/Kg
MCPA	174 mg/Kg	<	174 mg/Kg
MCPP	133 mg/Kg	<	133 mg/Kg



Inchcape Testing Services
Environmental Laboratories

431 120

REPORT NUMBER : D96-2669-6
ANALYSIS METHOD : EPA 8151 /1

PAGE 2

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	1000 µg/Kg	87.4 %

Applicable results are reported on Dry Weight basis.



Inchcape Testing Services
Environmental Laboratories

431 121.

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-6
REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : 96-0591-06
PURCHASE ORDER NO : 35119
DATE SAMPLED : 14-MAR-1996

MISCELLANEOUS ANALYSES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Total Solids	/1	0.01 %
Analyzed using ASTM D2216 mod. on 21-MAR-1996 by QC Batch No : 032196-C		

Applicable results are reported on Dry Weight basis.



Inchcape Testing Services
Environmental Laboratories

431 122

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-7
REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : 96-0591-07
PURCHASE ORDER NO : 35119
DATE SAMPLED : 14-MAR-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : CLT
PREPARED ON : 15-MAR-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 19-MAR-1996
DILUTION FACTOR : 1
METHOD FACTOR : 1
QC BATCH NO : AB711-35

CHLORINATED HERBICIDES			
TEST REQUESTED	DETECTION LIMIT	RESULTS	
2,4-D	0.875 mg/Kg	<	0.875 mg/Kg
2,4-DB	0.656 mg/Kg	<	0.656 mg/Kg
2,4,5-T	0.109 mg/Kg	<	0.109 mg/Kg
2,4,5-TP(Silvex)	0.109 mg/Kg	<	0.109 mg/Kg
Dalapon	4.38 mg/Kg	<	4.38 mg/Kg
Dicamba	0.219 mg/Kg	<	0.219 mg/Kg
Dichlorprop	0.547 mg/Kg	<	0.547 mg/Kg
Dinoseb	0.0547 mg/Kg	<	0.0547 mg/Kg
MCPA	186 mg/Kg	<	186 mg/Kg
MCPP	142 mg/Kg	<	142 mg/Kg



Inchcape Testing Services
Environmental Laboratories

431 123

REPORT NUMBER : D96-2669-7
ANALYSIS METHOD : EPA 8151 /1

PAGE 2

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	1000 µg/Kg	81.4 %

Applicable results are reported on Dry Weight basis.



Inchcape Testing Services
Environmental Laboratories

431 124

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-7
REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : 96-0591-07
PURCHASE ORDER NO : 35119
DATE SAMPLED : 14-MAR-1996

MISCELLANEOUS ANALYSES			
TEST REQUESTED		DETECTION LIMIT	RESULTS
Total Solids	/1	0.01 %	91.4 %
Analyzed using ASTM D2216 mod. on 21-MAR-1996 by QC Batch No : 032196-C			

Applicable results are reported on Dry Weight basis.



Inchcape Testing Services
Environmental Laboratories

431 125

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-8
REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : 96-0591-08
PURCHASE ORDER NO : 35119
DATE SAMPLED : 14-MAR-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : CLT
PREPARED ON : 15-MAR-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 19-MAR-1996
DILUTION FACTOR : 1
METHOD FACTOR : 1
QC BATCH NO : AB711-35

CHLORINATED HERBICIDES			
TEST REQUESTED	DETECTION LIMIT	RESULTS	
2,4-D	0.870 mg/Kg	<	0.870 mg/Kg
2,4-DB	0.652 mg/Kg	<	0.652 mg/Kg
2,4,5-T	0.109 mg/Kg	<	0.109 mg/Kg
2,4,5-TP(Silvex)	0.109 mg/Kg	<	0.109 mg/Kg
Dalapon	4.35 mg/Kg	<	4.35 mg/Kg
Dicamba	0.217 mg/Kg	<	0.217 mg/Kg
Dichlorprop	0.543 mg/Kg	<	0.543 mg/Kg
Dinoseb	0.0544 mg/Kg	<	0.0544 mg/Kg
MCPA	185 mg/Kg	<	185 mg/Kg
MCPP	141 mg/Kg	<	141 mg/Kg



Inchcape Testing Services
Environmental Laboratories

431 126

REPORT NUMBER : D96-2669-8
ANALYSIS METHOD : EPA 8151 /1

PAGE 2

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	1000 µg/Kg	79.0 %

Applicable results are reported on Dry Weight basis.



Inchcape Testing Services
Environmental Laboratories

431 127

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-8
REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : 96-0591-08
PURCHASE ORDER NO : 35119
DATE SAMPLED : 14-MAR-1996

MISCELLANEOUS ANALYSES			
TEST REQUESTED	DETECTION LIMIT	RESULTS	
Total Solids	/1	0.01 %	92.0 %
Analyzed using ASTM D2216 mod. on 21-MAR-1996 by QC Batch No : 032196-C			

Applicable results are reported on Dry Weight basis.



Inchcape Testing Services
Environmental Laboratories

431 128

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-9

REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : 96-0591-09
PURCHASE ORDER NO : 35119
DATE SAMPLED : 14-MAR-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : CLT
PREPARED ON : 15-MAR-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 19-MAR-1996
DILUTION FACTOR : 1
METHOD FACTOR : 1
QC BATCH NO : AB711-35

CHLORINATED HERBICIDES			
TEST REQUESTED	DETECTION LIMIT	RESULTS	
2,4-D	0.896 mg/Kg	<	0.896 mg/Kg
2,4-DB	0.672 mg/Kg	<	0.672 mg/Kg
2,4,5-T	0.112 mg/Kg	<	0.112 mg/Kg
2,4,5-TP(Silvex)	0.112 mg/Kg	<	0.112 mg/Kg
Dalapon	4.48 mg/Kg	<	4.48 mg/Kg
Dicamba	0.224 mg/Kg	<	0.224 mg/Kg
Dichlorprop	0.560 mg/Kg	<	0.560 mg/Kg
Dinoseb	0.0560 mg/Kg	<	0.0560 mg/Kg
MCPA	190 mg/Kg	<	190 mg/Kg
MCPP	146 mg/Kg	<	146 mg/Kg



Inchcape Testing Services
Environmental Laboratories

431 120

REPORT NUMBER : D96-2669-9
ANALYSIS METHOD : EPA 8151 /1

PAGE 2

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	1000 µg/Kg	80.5 %

Applicable results are reported on Dry Weight basis.



Inchcape Testing Services
Environmental Laboratories

431 130

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-9
REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : 96-0591-09
PURCHASE ORDER NO : 35119
DATE SAMPLED : 14-MAR-1996

MISCELLANEOUS ANALYSES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Total Solids	/1	0.01 %
Analyzed using ASTM D2216 mod. on 21-MAR-1996 by QC Batch No : 032196-C		

Applicable results are reported on Dry Weight basis.



Inchcape Testing Services
Environmental Laboratories

431 131

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-10
REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : 96-0591-10
PURCHASE ORDER NO : 35119
DATE SAMPLED : 14-MAR-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : CLT
PREPARED ON : 15-MAR-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 19-MAR-1996
DILUTION FACTOR : 1
METHOD FACTOR : 1
QC BATCH NO : AB711-35

CHLORINATED HERBICIDES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
2,4-D	0.882 mg/Kg	< 0.882 mg/Kg
2,4-DB	0.662 mg/Kg	< 0.662 mg/Kg
2,4,5-T	0.110 mg/Kg	< 0.110 mg/Kg
2,4,5-TP(Silvex)	0.110 mg/Kg	< 0.110 mg/Kg
Dalapon	4.41 mg/Kg	< 4.41 mg/Kg
Dicamba	0.221 mg/Kg	< 0.221 mg/Kg
Dichlorprop	0.551 mg/Kg	< 0.551 mg/Kg
Dinoseb	0.0551 mg/Kg	< 0.0551 mg/Kg
MCPA	187 mg/Kg	< 187 mg/Kg
MCPP	143 mg/Kg	< 143 mg/Kg



Inchcape Testing Services
Environmental Laboratories

431 132

REPORT NUMBER : D96-2669-10
ANALYSIS METHOD : EPA 8151 /1

PAGE 2

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	1000 µg/Kg	84.7 %

Applicable results are reported on Dry Weight basis.



Inchcape Testing Services
Environmental Laboratories

431 133

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-10
REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.

ADDRESS : 2209 Wisconsin, Ste 200

: Dallas, TX 75229

ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil

ID MARKS : 96-0591-10

PURCHASE ORDER NO : 35119

DATE SAMPLED : 14-MAR-1996

MISCELLANEOUS ANALYSES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Total Solids	/1 0.01 %	90.7 %
Analyzed using ASTM D2216 mod. on 21-MAR-1996 by QC Batch No : 032196-C		

Applicable results are reported on Dry Weight basis.



Inchcape Testing Services
Environmental Laboratories

431 134

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-11
REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : 96-0591-11
PURCHASE ORDER NO : 35119
DATE SAMPLED : 14-MAR-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : CLT
PREPARED ON : 15-MAR-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 19-MAR-1996
DILUTION FACTOR : 1
METHOD FACTOR : 1
QC BATCH NO : AB711-35

CHLORINATED HERBICIDES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
2,4-D	0.916 mg/Kg	< 0.916 mg/Kg
2,4-DB	0.687 mg/Kg	< 0.687 mg/Kg
2,4,5-T	0.115 mg/Kg	< 0.115 mg/Kg
2,4,5-TP(Silvex)	0.115 mg/Kg	< 0.115 mg/Kg
Dalapon	4.58 mg/Kg	< 4.58 mg/Kg
Dicamba	0.229 mg/Kg	< 0.229 mg/Kg
Dichlorprop	0.573 mg/Kg	< 0.573 mg/Kg
Dinoseb	0.0573 mg/Kg	< 0.0573 mg/Kg
MCPA	195 mg/Kg	< 195 mg/Kg
MCPP	149 mg/Kg	< 149 mg/Kg



Inchcape Testing Services
Environmental Laboratories

431 135

REPORT NUMBER : D96-2669-11
ANALYSIS METHOD : EPA 8151 /1

PAGE 2

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	1000 µg/Kg	70.3 %

Applicable results are reported on Dry Weight basis.



Inchcape Testing Services
Environmental Laboratories

431 136

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-11
REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : 96-0591-11
PURCHASE ORDER NO : 35119
DATE SAMPLED : 14-MAR-1996

MISCELLANEOUS ANALYSES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Total Solids	/1	0.01 %
Analyzed using ASTM D2216 mod. on 21-MAR-1996 by QC Batch No : 032196-C		

Applicable results are reported on Dry Weight basis.



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Environmental Laboratories

431 137

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-12

REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.

ADDRESS : 2209 Wisconsin, Ste 200

: Dallas, TX 75229

ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil

ID MARKS : 96-0591-12

PURCHASE ORDER NO : 35119

DATE SAMPLED : 14-MAR-1996

PREPARATION METHOD : EPA 8151

PREPARED BY : CLT

PREPARED ON : 15-MAR-1996

ANALYSIS METHOD : EPA 8151 /1

ANALYZED BY : MAK

ANALYZED ON : 19-MAR-1996

DILUTION FACTOR : 1

METHOD FACTOR : 1

QC BATCH NO : AB711-35

CHLORINATED HERBICIDES			
TEST REQUESTED	DETECTION LIMIT	RESULTS	
2,4-D	0.901 mg/Kg	<	0.901 mg/Kg
2,4-DB	0.676 mg/Kg	<	0.676 mg/Kg
2,4,5-T	0.113 mg/Kg	<	0.113 mg/Kg
2,4,5-TP(Silvex)	0.113 mg/Kg	<	0.113 mg/Kg
Dalapon	4.50 mg/Kg	<	4.50 mg/Kg
Dicamba	0.225 mg/Kg	<	0.225 mg/Kg
Dichlorprop	0.563 mg/Kg	<	0.563 mg/Kg
Dinoseb	0.0563 mg/Kg	<	0.0563 mg/Kg
MCPA	191 mg/Kg	<	191 mg/Kg
MCPP	146 mg/Kg	<	146 mg/Kg



Inchcape Testing Services
Environmental Laboratories

431 138

REPORT NUMBER : D96-2669-12
ANALYSIS METHOD : EPA 8151 /1

PAGE 2

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	1000 µg/Kg	72.1 %

Applicable results are reported on Dry Weight basis.



Inchcape Testing Services
Environmental Laboratories

431 139

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-12

REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.

ADDRESS : 2209 Wisconsin, Ste 200

: Dallas, TX 75229

ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil

ID MARKS : 96-0591-12

PURCHASE ORDER NO : 35119

DATE SAMPLED : 14-MAR-1996

MISCELLANEOUS ANALYSES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Total Solids	/1	0.01 %
Analyzed using ASTM D2216 mod. on 21-MAR-1996 by QC Batch No : 032196-C		

Applicable results are reported on Dry Weight basis.



Inchcape Testing Services
Environmental Laboratories

431 140

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-13
REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : 96-0591-13
PURCHASE ORDER NO : 35119
DATE SAMPLED : 14-MAR-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : CLT
PREPARED ON : 15-MAR-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 19-MAR-1996
DILUTION FACTOR : 1
METHOD FACTOR : 1
QC BATCH NO : AB711-35

CHLORINATED HERBICIDES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
2,4-D	0.821 mg/Kg	< 0.821 mg/Kg
2,4-DB	0.615 mg/Kg	< 0.615 mg/Kg
2,4,5-T	0.103 mg/Kg	< 0.103 mg/Kg
2,4,5-TP(Silvex)	0.103 mg/Kg	< 0.103 mg/Kg
Dalapon	4.10 mg/Kg	< 4.10 mg/Kg
Dicamba	0.205 mg/Kg	< 0.205 mg/Kg
Dichlorprop	0.513 mg/Kg	< 0.513 mg/Kg
Dinoseb	0.0513 mg/Kg	< 0.0513 mg/Kg
MCPA	174 mg/Kg	< 174 mg/Kg
MCPP	133 mg/Kg	< 133 mg/Kg



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Environmental Laboratories

431 141

REPORT NUMBER : D96-2669-13
ANALYSIS METHOD : EPA 8151 /1

PAGE 2

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	1000 µg/Kg	68.2 %

Applicable results are reported on Dry Weight basis.



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431 142 .11

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-13

REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.

ADDRESS : 2209 Wisconsin, Ste 200

: Dallas, TX 75229

ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil

ID MARKS : 96-0591-13

PURCHASE ORDER NO : 35119

DATE SAMPLED : 14-MAR-1996

MISCELLANEOUS ANALYSES			
TEST REQUESTED	DETECTION LIMIT	RESULTS	
Total Solids	/1	0.01	% 97.5 %
Analyzed using ASTM D2216 mod. on 21-MAR-1996 by QC Batch No : 032196-C			

Applicable results are reported on Dry Weight basis.



Inchcape Testing Services
Environmental Laboratories

431 143

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-14
REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : 96-0591-14
PURCHASE ORDER NO : 35119
DATE SAMPLED : 14-MAR-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : CLT
PREPARED ON : 15-MAR-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 19-MAR-1996
DILUTION FACTOR : 1
METHOD FACTOR : 1
QC BATCH NO : AB711-35

CHLORINATED HERBICIDES			
TEST REQUESTED	DETECTION LIMIT	RESULTS	
2,4-D	0.958 mg/Kg	<	0.958 mg/Kg
2,4-DB	0.719 mg/Kg	<	0.719 mg/Kg
2,4,5-T	0.120 mg/Kg	<	0.120 mg/Kg
2,4,5-TP(Silvex)	0.120 mg/Kg	<	0.120 mg/Kg
Dalapon	4.79 mg/Kg	<	4.79 mg/Kg
Dicamba	0.240 mg/Kg	<	0.240 mg/Kg
Dichlorprop	0.599 mg/Kg	<	0.599 mg/Kg
Dinoseb	0.0599 mg/Kg	<	0.0599 mg/Kg
MCPA	204 mg/Kg	<	204 mg/Kg
MCPP	156 mg/Kg	<	156 mg/Kg



Inchcape Testing Services
Environmental Laboratories

431 144

REPORT NUMBER : D96-2669-14
ANALYSIS METHOD : EPA 8151 /1

PAGE 2

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	1000 µg/Kg	82.6 %

Applicable results are reported on Dry Weight basis.



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Environmental Laboratories

431 145

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-14

REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.

ADDRESS : 2209 Wisconsin, Ste 200

: Dallas, TX 75229

ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil

ID MARKS : 96-0591-14

PURCHASE ORDER NO : 35119

DATE SAMPLED : 14-MAR-1996

MISCELLANEOUS ANALYSES			
TEST REQUESTED	DETECTION LIMIT	RESULTS	
Total Solids	/1	0.01	%
Analyzed using ASTM D2216 mod. on 21-MAR-1996 by QC Batch No : 032196-C			

Applicable results are reported on Dry Weight basis.



Inchcape Testing Services
Environmental Laboratories

431 146

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-15

REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : 96-0591-15
PURCHASE ORDER NO : 35119
DATE SAMPLED : 14-MAR-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : CLT
PREPARED ON : 15-MAR-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 19-MAR-1996
DILUTION FACTOR : 1
METHOD FACTOR : 1
QC BATCH NO : AB711-35

CHLORINATED HERBICIDES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
2,4-D	0.920 mg/Kg	< 0.920 mg/Kg
2,4-DB	0.690 mg/Kg	< 0.690 mg/Kg
2,4,5-T	0.115 mg/Kg	< 0.115 mg/Kg
2,4,5-TP(Silvex)	0.115 mg/Kg	< 0.115 mg/Kg
Dalapon	4.60 mg/Kg	< 4.60 mg/Kg
Dicamba	0.230 mg/Kg	< 0.230 mg/Kg
Dichlorprop	0.575 mg/Kg	< 0.575 mg/Kg
Dinoseb	0.0575 mg/Kg	< 0.0575 mg/Kg
MCPA	195 mg/Kg	< 195 mg/Kg
MCPP	149 mg/Kg	< 149 mg/Kg



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Environmental Laboratories

431 147

REPORT NUMBER : D96-2669-15
ANALYSIS METHOD : EPA 8151 /1

PAGE 2

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	1000 µg/Kg	79.3 %

Applicable results are reported on Dry Weight basis.



Inchcape Testing Services
Environmental Laboratories

431 148

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-15
REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : 96-0591-15
PURCHASE ORDER NO : 35119
DATE SAMPLED : 14-MAR-1996

MISCELLANEOUS ANALYSES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Total Solids	/1	0.01 %
Analyzed using ASTM D2216 mod. on 21-MAR-1996 by QC Batch No : 032196-C		

Applicable results are reported on Dry Weight basis.



Inchcape Testing Services
Environmental Laboratories

431 140

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-16

REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : 96-0591-16
PURCHASE ORDER NO : 35119
DATE SAMPLED : 14-MAR-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : CLT
PREPARED ON : 15-MAR-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 19-MAR-1996
DILUTION FACTOR : 1
METHOD FACTOR : 1
QC BATCH NO : AB711-35

CHLORINATED HERBICIDES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
2,4-D	0.928 mg/Kg	< 0.928 mg/Kg
2,4-DB	0.696 mg/Kg	< 0.696 mg/Kg
2,4,5-T	0.116 mg/Kg	< 0.116 mg/Kg
2,4,5-TP(Silvex)	0.116 mg/Kg	< 0.116 mg/Kg
Dalapon	4.64 mg/Kg	< 4.64 mg/Kg
Dicamba	0.232 mg/Kg	< 0.232 mg/Kg
Dichlorprop	0.580 mg/Kg	< 0.580 mg/Kg
Dinoseb	0.0580 mg/Kg	< 0.0580 mg/Kg
MCPA	197 mg/Kg	< 197 mg/Kg
MCPP	151 mg/Kg	< 151 mg/Kg



Inchcape Testing Services
Environmental Laboratories

431 150

REPORT NUMBER : D96-2669-16
ANALYSIS METHOD : EPA 8151 /1

PAGE 2

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	1000 µg/Kg	76.3 %

Applicable results are reported on Dry Weight basis.



Inchcape Testing Services
Environmental Laboratories

431 151

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-16
REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : 96-0591-16
PURCHASE ORDER NO : 35119
DATE SAMPLED : 14-MAR-1996

MISCELLANEOUS ANALYSES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Total Solids	/1	0.01 %
Analyzed using ASTM D2216 mod. on 21-MAR-1996 by QC Batch No : 032196-C		

Applicable results are reported on Dry Weight basis.



Inchcape Testing Services
Environmental Laboratories

431 152

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-17

REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : 96-0591-17
PURCHASE ORDER NO : 35119
DATE SAMPLED : 14-MAR-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : CLT
PREPARED ON : 15-MAR-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 19-MAR-1996
DILUTION FACTOR : 1
METHOD FACTOR : 1
QC BATCH NO : AB711-35

CHLORINATED HERBICIDES			
TEST REQUESTED	DETECTION LIMIT	RESULTS	
2,4-D	0.879 mg/Kg	<	0.879 mg/Kg
2,4-DB	0.659 mg/Kg	<	0.659 mg/Kg
2,4,5-T	0.110 mg/Kg	<	0.110 mg/Kg
2,4,5-TP(Silvex)	0.110 mg/Kg	<	0.110 mg/Kg
Dalapon	4.40 mg/Kg	<	4.40 mg/Kg
Dicamba	0.220 mg/Kg	<	0.220 mg/Kg
Dichlorprop	0.549 mg/Kg	<	0.549 mg/Kg
Dinoseb	0.0550 mg/Kg	<	0.0550 mg/Kg
MCPA	187 mg/Kg	<	187 mg/Kg
MCPP	143 mg/Kg	<	143 mg/Kg



Inchcape Testing Services
Environmental Laboratories

431 153

REPORT NUMBER : D96-2669-17
ANALYSIS METHOD : EPA 8151 /1

PAGE 2

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	1000 $\mu\text{g}/\text{Kg}$	75.1 x

Applicable results are reported on Dry Weight basis.



Inchcape Testing Services
Environmental Laboratories

431 154

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-17
REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : 96-0591-17
PURCHASE ORDER NO : 35119
DATE SAMPLED : 14-MAR-1996

MISCELLANEOUS ANALYSES			
TEST REQUESTED	DETECTION LIMIT	RESULTS	
Total Solids	/1	0.01	%
Analyzed using ASTM D2216 mod. on 21-MAR-1996 by QC Batch No : 032196-C			

Applicable results are reported on Dry Weight basis.



Inchcape Testing Services
Environmental Laboratories

431 155

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-18

REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : 96-0591-18
PURCHASE ORDER NO : 35119
DATE SAMPLED : 14-MAR-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : CLT
PREPARED ON : 15-MAR-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 19-MAR-1996
DILUTION FACTOR : 1
METHOD FACTOR : 1
QC BATCH NO : AB711-35

CHLORINATED HERBICIDES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
2,4-D	0.920 mg/Kg	< 0.920 mg/Kg
2,4-DB	0.690 mg/Kg	< 0.690 mg/Kg
2,4,5-T	0.115 mg/Kg	< 0.115 mg/Kg
2,4,5-TP(Silvex)	0.115 mg/Kg	< 0.115 mg/Kg
Dalapon	4.60 mg/Kg	< 4.60 mg/Kg
Dicamba	0.230 mg/Kg	< 0.230 mg/Kg
Dichlorprop	0.575 mg/Kg	< 0.575 mg/Kg
Dinoseb	0.0575 mg/Kg	< 0.0575 mg/Kg
MCPA	195 mg/Kg	< 195 mg/Kg
MCPP	149 mg/Kg	< 149 mg/Kg



Inchcape Testing Services
Environmental Laboratories

431 156

REPORT NUMBER : D96-2669-18
ANALYSIS METHOD : EPA 8151 /1

PAGE 2

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	1000 µg/Kg	69.4 %

Applicable results are reported on Dry Weight basis.



Inchcape Testing Services
Environmental Laboratories

431 157

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-18

REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.

ADDRESS : 2209 Wisconsin, Ste 200

: Dallas, TX 75229

ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil

ID MARKS : 96-0591-18

PURCHASE ORDER NO : 35119

DATE SAMPLED : 14-MAR-1996

MISCELLANEOUS ANALYSES			
TEST REQUESTED		DETECTION LIMIT	RESULTS
Total Solids	/1	0.01 %	87.0 %
Analyzed using ASTM D2216 mod. on 21-MAR-1996 by QC Batch No : 032196-C			

Applicable results are reported on Dry Weight basis.



Inchcape Testing Services
Environmental Laboratories

431 158

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-19

REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : 96-0591-19
PURCHASE ORDER NO : 35119
DATE SAMPLED : 14-MAR-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : CLT
PREPARED ON : 15-MAR-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 19-MAR-1996
DILUTION FACTOR : 1
METHOD FACTOR : 1
QC BATCH NO : AB711-35

CHLORINATED HERBICIDES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
2,4-D	1.06 mg/Kg	< 1.06 mg/Kg
2,4-DB	0.794 mg/Kg	< 0.794 mg/Kg
2,4,5-T	0.132 mg/Kg	< 0.132 mg/Kg
2,4,5-TP(Silvex)	0.132 mg/Kg	< 0.132 mg/Kg
Dalapon	5.29 mg/Kg	< 5.29 mg/Kg
Dicamba	0.265 mg/Kg	< 0.265 mg/Kg
Dichlorprop	0.661 mg/Kg	< 0.661 mg/Kg
Dinoseb	0.0661 mg/Kg	< 0.0661 mg/Kg
MCPA	225 mg/Kg	< 225 mg/Kg
MCPP	172 mg/Kg	< 172 mg/Kg



Inchcape Testing Services
Environmental Laboratories

431 159

REPORT NUMBER : D96-2669-19
ANALYSIS METHOD : EPA 8151 /1

PAGE 2

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	1000 µg/Kg	78.7 %

Applicable results are reported on Dry Weight basis.



Inchcape Testing Services
Environmental Laboratories

431 160

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-19
REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : 96-0591-19
PURCHASE ORDER NO : 35119
DATE SAMPLED : 14-MAR-1996

MISCELLANEOUS ANALYSES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Total Solids	/1	0.01 %
Analyzed using ASTM D2216 mod. on 21-MAR-1996 by QC Batch No : 032196-C		

Applicable results are reported on Dry Weight basis.



Inchcape Testing Services
Environmental Laboratories

431 161

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-20

REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : 96-0591-20
PURCHASE ORDER NO : 35119
DATE SAMPLED : 14-MAR-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : CLT
PREPARED ON : 15-MAR-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 19-MAR-1996
DILUTION FACTOR : 1
METHOD FACTOR : 1
QC BATCH NO : AB711-35

CHLORINATED HERBICIDES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
2,4-D	0.896 mg/Kg	< 0.896 mg/Kg
2,4-DB	0.672 mg/Kg	< 0.672 mg/Kg
2,4,5-T	0.112 mg/Kg	< 0.112 mg/Kg
2,4,5-TP(Silvex)	0.112 mg/Kg	< 0.112 mg/Kg
Dalapon	4.48 mg/Kg	< 4.48 mg/Kg
Dicamba	0.224 mg/Kg	< 0.224 mg/Kg
Dichlorprop	0.560 mg/Kg	< 0.560 mg/Kg
Dinoseb	0.0560 mg/Kg	< 0.0560 mg/Kg
MCPA	190 mg/Kg	< 190 mg/Kg
MCPP	146 mg/Kg	< 146 mg/Kg



Inchcape Testing Services
Environmental Laboratories

431 162

REPORT NUMBER : D96-2669-20
ANALYSIS METHOD : EPA 8151 /1

PAGE 2

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	1000 µg/Kg	68.8 %

Applicable results are reported on Dry Weight basis.



Inchcape Testing Services
Environmental Laboratories

431 163

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-20
REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : 96-0591-20
PURCHASE ORDER NO : 35119
DATE SAMPLED : 14-MAR-1996

MISCELLANEOUS ANALYSES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Total Solids	/1	0.01 %
Analyzed using ASTM D2216 mod. on 21-MAR-1996 by QC Batch No : 032196-C		

Applicable results are reported on Dry Weight basis.



Inchcape Testing Services
Environmental Laboratories

431 164

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-21
REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : 96-0591-21
PURCHASE ORDER NO : 35119
DATE SAMPLED : 14-MAR-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : MGK
PREPARED ON : 15-MAR-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 19-MAR-1996
DILUTION FACTOR : 1
METHOD FACTOR : 1
QC BATCH NO : AB711-36

CHLORINATED HERBICIDES			
TEST REQUESTED	DETECTION LIMIT	RESULTS	
2,4-D	0.896 mg/Kg	<	0.896 mg/Kg
2,4-DB	0.672 mg/Kg	<	0.672 mg/Kg
2,4,5-T	0.112 mg/Kg	<	0.112 mg/Kg
2,4,5-TP(Silvex)	0.112 mg/Kg	<	0.112 mg/Kg
Dalapon	4.48 mg/Kg	<	4.48 mg/Kg
Dicamba	0.224 mg/Kg	<	0.224 mg/Kg
Dichlorprop	0.560 mg/Kg	<	0.560 mg/Kg
Dinoseb	0.0560 mg/Kg	<	0.0560 mg/Kg
MCPA	190 mg/Kg	<	190 mg/Kg
MCPP	146 mg/Kg	<	146 mg/Kg



Inchcape Testing Services
Environmental Laboratories

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REPORT NUMBER : D96-2669-21
ANALYSIS METHOD : EPA 8151 /1

PAGE 2

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	1000 µg/Kg	77.8 %

Applicable results are reported on Dry Weight basis.



Inchcape Testing Services
Environmental Laboratories

431 166

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-21
REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : 96-0591-21
PURCHASE ORDER NO : 35119
DATE SAMPLED : 14-MAR-1996

MISCELLANEOUS ANALYSES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Total Solids	/1	0.01 %
Analyzed using ASTM D2216 mod. on 21-MAR-1996 by QC Batch No : 032196-C		

Applicable results are reported on Dry Weight basis.



Inchcape Testing Services
Environmental Laboratories

431 167

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-22

REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil
ID MARKS : 96-0591-22
PURCHASE ORDER NO : 35119
DATE SAMPLED : 14-MAR-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : MGK
PREPARED ON : 15-MAR-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 19-MAR-1996
DILUTION FACTOR : 1
METHOD FACTOR : 1
QC BATCH NO : AB711-36

CHLORINATED HERBICIDES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
2,4-D	0.866 mg/Kg	< 0.866 mg/Kg
2,4-DB	0.649 mg/Kg	< 0.649 mg/Kg
2,4,5-T	0.108 mg/Kg	< 0.108 mg/Kg
2,4,5-TP(Silvex)	0.108 mg/Kg	< 0.108 mg/Kg
Dalapon	4.33 mg/Kg	< 4.33 mg/Kg
Dicamba	0.216 mg/Kg	< 0.216 mg/Kg
Dichlorprop	0.541 mg/Kg	< 0.541 mg/Kg
Dinoseb	0.0541 mg/Kg	< 0.0541 mg/Kg
MCPA	184 mg/Kg	< 184 mg/Kg
MCPP	141 mg/Kg	< 141 mg/Kg



Inchcape Testing Services
Environmental Laboratories

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REPORT NUMBER : D96-2669-22
ANALYSIS METHOD : EPA 8151 /1

PAGE 2

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	1000 µg/Kg	78.1 %

Applicable results are reported on Dry Weight basis.



Inchcape Testing Services
Environmental Laboratories

431 169

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-22

REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.

ADDRESS : 2209 Wisconsin, Ste 200

: Dallas, TX 75229

ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil

ID MARKS : 96-0591-22

PURCHASE ORDER NO : 35119

DATE SAMPLED : 14-MAR-1996

MISCELLANEOUS ANALYSES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Total Solids	/1	0.01 %
Analyzed using ASTM D2216 mod. on 21-MAR-1996 by QC Batch No : 032196-C		

Applicable results are reported on Dry Weight basis.



Inchcape Testing Services
Environmental Laboratories

431 170

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-23

REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.

ADDRESS : 2209 Wisconsin, Ste 200

: Dallas, TX 75229

ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil

ID MARKS : 96-0591-23

PURCHASE ORDER NO : 35119

DATE SAMPLED : 14-MAR-1996

PREPARATION METHOD : EPA 8151

PREPARED BY : MGK

PREPARED ON : 15-MAR-1996

ANALYSIS METHOD : EPA 8151 /1

ANALYZED BY : MAK

ANALYZED ON : 19-MAR-1996

DILUTION FACTOR : 1

METHOD FACTOR : 1

QC BATCH NO : AB711-36

CHLORINATED HERBICIDES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
2,4-D	0.896 mg/Kg	< 0.896 mg/Kg
2,4-DB	0.672 mg/Kg	< 0.672 mg/Kg
2,4,5-T	0.112 mg/Kg	< 0.112 mg/Kg
2,4,5-TP(Silvex)	0.112 mg/Kg	< 0.112 mg/Kg
Dalapon	4.48 mg/Kg	< 4.48 mg/Kg
Dicamba	0.224 mg/Kg	< 0.224 mg/Kg
Dichlorprop	0.560 mg/Kg	< 0.560 mg/Kg
Dinoseb	0.0560 mg/Kg	< 0.0560 mg/Kg
MCPA	190 mg/Kg	< 190 mg/Kg
MCPP	146 mg/Kg	< 146 mg/Kg



Inchcape Testing Services
Environmental Laboratories

431 171

REPORT NUMBER : D96-2669-23
ANALYSIS METHOD : EPA 8151 /1

PAGE 2

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	1000 µg/Kg	78.7 %

Applicable results are reported on Dry Weight basis.



Inchcape Testing Services
Environmental Laboratories

431 172

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-23

REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.

ADDRESS : 2209 Wisconsin, Ste 200

: Dallas, TX 75229

ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Soil

ID MARKS : 96-0591-23

PURCHASE ORDER NO : 35119

DATE SAMPLED : 14-MAR-1996

MISCELLANEOUS ANALYSES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
Total Solids /1	0.01 %	89.3 %
Analyzed using ASTM D2216 mod. on 21-MAR-1996 by QC Batch No : 032196-C		

Applicable results are reported on Dry Weight basis.



Inchcape Testing Services
Environmental Laboratories

431 173

DATE RECEIVED : 14-MAR-1996

REPORT NUMBER : D96-2669-24
REPORT DATE : 21-MAR-1996

SAMPLE SUBMITTED BY : Certes Environmental Laboratories, L.C.
ADDRESS : 2209 Wisconsin, Ste 200
: Dallas, TX 75229
ATTENTION : Mr. Steve Milam

SAMPLE MATRIX : Liquid
ID MARKS : 96-0591-24
PURCHASE ORDER NO : 35119
DATE SAMPLED : 14-MAR-1996
PREPARATION METHOD : EPA 8151
PREPARED BY : VHL
PREPARED ON : 15-MAR-1996
ANALYSIS METHOD : EPA 8151 /1
ANALYZED BY : MAK
ANALYZED ON : 18-MAR-1996
DILUTION FACTOR : 1
METHOD FACTOR : 1
QC BATCH NO : AB711-34

CHLORINATED HERBICIDES		
TEST REQUESTED	DETECTION LIMIT	RESULTS
2,4-D	12.0 µg/L	12.0 µg/L
2,4-DB	9.00 µg/L	< 9.00 µg/L
2,4,5-T	2.00 µg/L	< 2.00 µg/L
2,4,5-TP(Silvex)	1.70 µg/L	< 1.70 µg/L
Dalapon	60.0 µg/L	< 60.0 µg/L
Dicamba	2.70 µg/L	< 2.70 µg/L
Dichlorprop	6.50 µg/L	< 6.50 µg/L
Dinoseb	0.700 µg/L	< 0.700 µg/L
MCPA	2500 µg/L	< 2500 µg/L
MCPP	1900 µg/L	< 1900 µg/L



Inchcape Testing Services
Environmental Laboratories

431 174

REPORT NUMBER : D96-2669-24
ANALYSIS METHOD : EPA 8151 /1

PAGE 2

QUALITY CONTROL DATA		
SURROGATE COMPOUND	SPIKE LEVEL	SPIKE RECOVERED
2,4-Dichlorophenyl acetic acid (SS)	10.0 µg/L	103 %

Applicable results are reported on Dry Weight basis.

Certes

Environmental Laboratories, L.C.

2209 Wisconsin Street, suite 200
Dallas, Texas 75229
214-620-7966
800-594-2872
214-620-7963 FAX

431 175

CERTES ENVIRONMENTAL LABORATORIES ANALYTICAL REPORT

CEL #: 96-0591

Project #: 10K70200

JACOBS ENGINEERING GROUP, INC.
600 Seventeenth St., Ste 1100N
Denver, CO 80202

Attn: Lynn Schuetter

Date: August 5, 1996

Included are the results for the samples submitted to Certes. All testing was performed using approved EPA Methods, unless otherwise stated. All results have been reviewed and Quality Control criteria met. If you have any questions concerning the analytical data please contact Chase A. Thibodaux, Laboratory Manager at 214/620-7966. Thank you for the opportunity to service your environmental testing needs.

Sincerely,
Certes Environmental Laboratories, L.C.
Per:

Chase A. Thibodaux

Chase A. Thibodaux
Laboratory Manager

431 176

CLIENT: JACOBS ENGINEERING GROUP, INC.

CEL #: 96-0591

CASE NARRATIVE COMMENTS:

1. The TCMX (SS) recovery for sample 96-0591-03 is outside of control limits due to excessive positive matrix interference. The Decachlorobiphenyl (SS) is within QC recovery limits.
2. All samples were sub-contracted out to Inchscape Testing Services for the analysis of Herbicides.
3. Chlordane and Toxaphene were not spiked with the total Pesticide spike mix due to the multi-peak patterns of the two compounds.
4. The water sample within this particular job was not spiked due to lack of sample.

431 177

Cross Reference Table I

Field Sample ID	Laboratory ID
CR-A 110001	96-0591-01
CR-A 110002	96-0591-02
CR-A 110003	96-0591-03
CR-A 110004	96-0591-04
CR-A 110005	96-0591-05
CR-A 110101	96-0591-06
CR-A 110102	96-0591-07
CR-A 110103	96-0591-08
CR-A 110104	96-0591-09
CR-A 110105	96-0591-10
CR-A 110106	96-0591-11
CR-A 110107	96-0591-12
CR-A 110108	96-0591-13
CR-A 110109	96-0591-14
CR-A 110201	96-0591-15
CR-A 110202	96-0591-16
CR-A 110203	96-0591-17
CR-A 110204	96-0591-18
CR-A 110205	96-0591-19
CR-A 110206	96-0591-20
CR-A 110207	96-0591-21
CR-A 110208	96-0591-22
CR-A 110209	96-0591-23
CR-A 110301	96-0591-24
CR-A 110302	96-0591-25

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Cross Reference Table II

QC Sample ID	Field Sample ID
96-0591-02MS1	CR-A 110002
96-0591-02SD1	CR-A 110002
96-0591-22MS2	CR-A 110208
96-0591-22SD2	CR-A 110208

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 110001
 Lab Sample ID 96-0591-01
 Lab Batch No. PSTS0019

Date Received 14-Mar-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 86.7

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cides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL	
Aldrin	ALDRIN	F		0.0000				0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000				0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000				0.0003	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F		0.0000				0.0004	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000				0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000				0.005	0.045	PR	=		MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000				0.002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000				0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDT	DDT44	F		0.0000				0.0005	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.008
Dieleadrin	DIELDRIN	F		0.0000				0.0001	0.0023	PR	=		MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F		0.0000				0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000				0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000				0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000				0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000				0.002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000				0.0004	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000				0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000				0.0009	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000				0.005	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T	100	60	150			112	PR	%			MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	100	60	150			96.5	PR	%			MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 110002
 Lab Sample ID: 96-0591-02
 Lab Batch No.: PSTS0019

Date Received: 14-Mar-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 87.8

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Pesticides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL	
Aldrin	ALDRIN	F		0.0000				0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000				0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000				0.0003	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F		0.0000				0.0004	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000				0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000				0.005	0.072	PR	=	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.009	
4,4'-DDD	DDD44	F		0.0000				0.002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000				0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDT	DDT44	F		0.0000				0.0005	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.008
Dieldrin	DIELDRIN	F		0.0000				0.0001	0.0014	PR	=	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.001	
Endosulfan I	ENDOSULFANA	F		0.0000				0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000				0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000				0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000				0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000				0.002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000				0.0004	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000				0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000				0.0009	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000				0.005	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T	100	60	150			108	PR	%	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96			
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	100	60	150			102	PR	%	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96			

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 110003
 Lab Sample ID 96-0591-03
 Lab Batch No. PSTS0019

Date Received 14-Mar-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 91.5

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icides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000			0.0003	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDelta	F		0.0000			0.0004	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000			0.005	0.101	PR	=		MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000			0.002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDT	DDT44	F		0.0000			0.0005	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.006
Dieldrin	DIELDRIN	F		0.0000			0.0001	0.0016	PR	=		MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000			0.002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000			0.002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000			0.0004	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000			0.0009	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000			0.005	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T	100	60	150		236		PR	%		MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	100	60	150		93.6		PR	%		MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 110004
 Lab Sample ID: 96-0591-04
 Lab Batch No.: PSTS0019

Date Received: 14-Mar-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 91.1

431 182

Pesticides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Instr ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000			0.0001	0	PR U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0255	SW3550	SW8080	GC2	03-12-96	0.003	
Alpha-BHC	BHCALPHA	F		0.0000			0.0002	0	PR U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0255	SW3550	SW8080	GC2	03-12-96	0.002	
Beta-BHC	BHCBETA	F		0.0000			0.0003	0	PR U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0255	SW3550	SW8080	GC2	03-12-96	0.004	
Delta-BHC	BHCDelta	F		0.0000			0.0004	0	PR U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0255	SW3550	SW8080	GC2	03-12-96	0.006	
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			0.0001	0	PR U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0255	SW3550	SW8080	GC2	03-12-96	0.003	
Chlordane	CHLORDANE	F		0.0000			0.005	0	PR U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0255	SW3550	SW8080	GC2	03-12-96	0.009	
4,4'-DDD	DDD44	F		0.0000			0.002	0	PR U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0255	SW3550	SW8080	GC2	03-12-96	0.007	
4,4'-DDE	DDE44	F		0.0000			0.0002	0	PR U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0255	SW3550	SW8080	GC2	03-12-96	0.003	
4,4'-DDT	DDT44	F		0.0000			0.0005	0	PR U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0255	SW3550	SW8080	GC2	03-12-96	0.008	
Dieldrin	DIELDRIN	F		0.0000			0.0001	0	PR U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0255	SW3550	SW8080	GC2	03-12-96	0.001	
Endosulfan I	ENDOSULFANA	F		0.0000			0.0002	0	PR U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0255	SW3550	SW8080	GC2	03-12-96	0.009	
Endosulfan II	ENDOSULFANB	F		0.0000			0.002	0	PR U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0255	SW3550	SW8080	GC2	03-12-96	0.003	
Endosulfan sulfate	ENDOSULFANS	F		0.0000			0.0001	0	PR U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0255	SW3550	SW8080	GC2	03-12-96	0.04	
Endrin	ENDRIN	F		0.0000			0.0001	0	PR U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0255	SW3550	SW8080	GC2	03-12-96	0.004	
Endrin aldehyde	ENDRINALD	F		0.0000			0.002	0	PR U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0255	SW3550	SW8080	GC2	03-12-96	0.02	
Heptachlor	HEPTACHLOR	F		0.0000			0.0004	0	PR U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0255	SW3550	SW8080	GC2	03-12-96	0.002	
Heptachlor epoxide	HEPT-EPOX	F		0.0000			0.0002	0	PR U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0255	SW3550	SW8080	GC2	03-12-96	0.06	
Methoxychlor	MTXYCL	F		0.0000			0.0009	0	PR U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0255	SW3550	SW8080	GC2	03-12-96	0.1	
Toxaphene	TOXAP	F		0.0000			0.005	0	PR U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0255	SW3550	SW8080	GC2	03-12-96	0.2	
Decachlorobiphenyl (SS)	CL10BZ2	T		100	60	150		131	PR	%	MG/KG	15-Mar-96	1300	19-Mar-96	0255	SW3550	SW8080	GC2	03-12-96		
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T		100	60	150		129	PR	%	MG/KG	15-Mar-96	1300	19-Mar-96	0255	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 110005
 Lab Sample ID 96-Q591-05
 Lab Batch No. PSTS0019

Date Received 14-Mar-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 97.5

431 183

cides

Compound	Analyte Code	S	QC	Spike Level		Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000		0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000		0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000		0.0003	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDelta	F		0.0000		0.0004	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000		0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000		0.005	0.092	PR	=	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.009	
4,4'-DDD	DDD44	F		0.0000		0.002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000		0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.003
1,4'-DDT	DDT44	F		0.0000		0.0005	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.008
Dieldrin	DIELDRIN	F		0.0000		0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F		0.0000		0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000		0.002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000		0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000		0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000		0.002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000		0.0004	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000		0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000		0.0009	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000		0.005	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T		100	60	150	109	PR	%	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96		
4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T		100	60	150	125	PR	%	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 110101
 Lab Sample ID 96-0591-06
 Lab Batch No. PSTS0019

Date Received 14-Mar-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 97.6

431 184

Pesticides

Compound	Analyte Code	S	QC	Spike Level		Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000		0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0446	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000		0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0446	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000		0.0003	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0446	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F		0.0000		0.0004	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0446	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHC GAMMA	F		0.0000		0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0446	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000		0.005	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0446	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000		0.002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0446	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000		0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0446	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDT	DDT44	F		0.0000		0.0005	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0446	SW3550	SW8080	GC2	03-12-96	0.008
Dieidrin	DIELDRIN	F		0.0000		0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0446	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F		0.0000		0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0446	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000		0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0446	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000		0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0446	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000		0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0446	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000		0.002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0446	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000		0.0004	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0446	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000		0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0446	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000		0.0009	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0446	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000		0.005	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0446	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T		100	60	150	116	PR	%	MG/KG	15-Mar-96	1300	19-Mar-96	0446	SW3550	SW8080	GC2	03-12-96		
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T		100	60	150	120	PR	%	MG/KG	15-Mar-96	1300	19-Mar-96	0446	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 110102
 Lab Sample ID 96-0591-07
 Lab Batch No. PSTS0019

Date Received 14-Mar-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 91.4

431 185

cides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL	
Aldrin	ALDRIN	F		0.0000				0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0522	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000				0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0522	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000				0.0003	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0522	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDelta	F		0.0000				0.0004	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0522	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000				0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0522	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000				0.005	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0522	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000				0.002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0522	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000				0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0522	SW3550	SW8080	GC2	03-12-96	0.003
1,4'-DDT	DDT44	F		0.0000				0.0005	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0522	SW3550	SW8080	GC2	03-12-96	0.001
Dieldrin	DIELDRIN	F		0.0000				0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0522	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan I	ENDOSULFANA	F		0.0000				0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0522	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan II	ENDOSULFANB	F		0.0000				0.002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0522	SW3550	SW8080	GC2	03-12-96	0.04
Endosulfan sulfate	ENDOSULFANS	F		0.0000				0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0522	SW3550	SW8080	GC2	03-12-96	0.004
Endrin	ENDRIN	F		0.0000				0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0522	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000				0.002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0522	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000				0.0004	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0522	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000				0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0522	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000				0.0009	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0522	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000				0.005	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0522	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T		100	60	150		123	PR	%		MG/KG	15-Mar-96	1300	19-Mar-96	0522	SW3550	SW8080	GC2	03-12-96		
4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T		100	60	150		113	PR	%		MG/KG	15-Mar-96	1300	19-Mar-96	0522	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CRA-A 110103
 Lab Sample ID 96-0591-08
 Lab Batch No. PSTS0019

Date Received 14-Mar-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 92

431 186

Pesticides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000			0.0003	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F		0.0000			0.0004	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000			0.0005	0.083	PR	=		MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDT	DOT44	F		0.0000			0.0005	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.008
Dieldrin	DIELDRIN	F		0.0000			0.0001	0.013	PR	=		MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000			0.0004	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000			0.0009	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000			0.0005	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T		100	60	150		104	PR	%		MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T		100	60	150		108	PR	%		MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 110104
 Lab Sample ID: 96-0591-09
 Lab Batch No.: PSTS0019

Date Received: 14-Mar-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 89.3

431 187

cides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000			0.0003	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F		0.0000			0.0004	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000			0.0005	0.031	PR	=	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.003	
4,4'-DDD	DDD44	F		0.0000			0.002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDE	DDE44	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDT	DDT44	F		0.0000			0.0005	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.003
Dieldrin	DIELDRIN	F		0.0000			0.0001	0.0043	PR	=	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.006	
Endosulfan I	ENDOSULFANA	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan II	ENDOSULFANB	F		0.0000			0.002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan sulfate	ENDOSULFANS	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.003
Endrin	ENDRIN	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.04
Endrin aldehyde	ENORINALD	F		0.0000			0.002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.004
Heptachlor	HEPTACHLOR	F		0.0000			0.0004	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor epoxide	HEPT-EPOX	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.002
Methoxychlor	MTXYCL	F		0.0000			0.0009	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.06
Toxaphene	TOXAP	F		0.0000			0.005	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.1
Decachlorobiphenyl (SS)	CL10BZ2	T	100	60	150		103	PR	%	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.2		
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	100	60	150		98	PR	%	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96			

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 110105
 Lab Sample ID 96-0591-10
 Lab Batch No. PSTS0019

Date Received 14-Mar-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 90.7

431 188

Pesticides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000			0.0003	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F		0.0000			0.0004	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000			0.005	0.040	PR	=	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000			0.002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDT	DDT44	F		0.0000			0.0005	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SW8080	GC2	03-12-96	0.008
Dieldrin	DIELDRIN	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000			0.002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000			0.002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000			0.0004	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000			0.0009	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000			0.005	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T		100	60	150		117	PR	%	MG/KG		15-Mar-96	1300	19-Mar-96	0712	SW3550	SW8080	GC2	03-12-96	
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T		100	60	150		105	PR	%	MG/KG		15-Mar-96	1300	19-Mar-96	0712	SW3550	SW8080	GC2	03-12-96	

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 110106
 Lab Sample ID: 96-0591-11
 Lab Batch No.: PSTS0019

Date Received: 14-Mar-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 87.3

431 189

cides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000			0.0003	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F		0.0000			0.0004	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000			0.005	0.030	PR	=	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000			0.002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDT	DDT44	F		0.0000			0.0005	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.008
Dieldrin	DIELDRIN	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000			0.002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfen sulfate	ENDOSULFANS	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000			0.002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000			0.0004	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000			0.0009	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000			0.005	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T		100	60	150		130	PR	%	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96		
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T		100	60	150		116	PR	%	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 110107
 Lab Sample ID: 96-0591-12
 Lab Batch No.: PSTS0019

Date Received: 14-Mar-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 88.8

431 190

Pesticides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000				0.0001 0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000				0.0002 0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000				0.0003 0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F		0.0000				0.0004 0.0039	PR	J	TR	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000				0.0001 0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000				0.0005 0.042	PR	=	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.009	
4,4'-DDD	DDD44	F		0.0000				0.002 0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000				0.0002 0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDT	DDT44	F		0.0000				0.0005 0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.008
Dieldrin	DIELDRIN	F		0.0000				0.0001 0.0038	PR	=	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.001	
Endosulfan I	ENDOSULFANA	F		0.0000				0.0002 0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000				0.0002 0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000				0.0001 0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000				0.0001 0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000				0.0002 0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000				0.0004 0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000				0.0002 0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000				0.0009 0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000				0.005 0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T		100	60	150		107	PR	%	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96		
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T		100	60	150		108	PR	%	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 110108
 Lab Sample ID: 96-0591-13
 Lab Batch No.: FSTS0019

Date Received: 14-Mar-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 97.5

431 191

icides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000				0.0001	0	PR U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000				0.0002	0	PR U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000				0.0003	0	PR U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDelta	F		0.0000				0.0004	0.0044	PR J	TR	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000				0.0001	0	PR U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000				0.005	0.031	PR =	=	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000				0.002	0	PR U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000				0.0002	0	PR U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDT	DDT44	F		0.0000				0.0005	0	PR U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.008
Dieldrin	DIELDRIN	F		0.0000				0.0001	0.0070	PR =	=	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F		0.0000				0.0002	0	PR U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000				0.002	0	PR U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000				0.0001	0	PR U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000				0.0001	0	PR U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000				0.0002	0	PR U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000				0.0004	0	PR U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000				0.0002	0	PR U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000				0.0009	0	PR U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000				0.005	0	PR U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T		100	60	150		93.2	PR	%	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96		
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T		100	60	150		104	PR	%	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 110109
 Lab Sample ID 96-0591-14
 Lab Batch No. PSTS0019

Date Received 14-Mar-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 83.5

431 192

Pesticides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000			0.0003	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDelta	F		0.0000			0.0004	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000			0.005	0.219	PR	U	=	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000			0.002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDT	DDT44	F		0.0000			0.0005	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.008
Dieldrin	DIELDRIN	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000			0.002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000			0.0004	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000			0.0009	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000			0.005	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL106Z2	T	100	60	150		126		PR	%	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96		
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	100	60	150		107		PR	%	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 110201
 Lab Sample ID 96-0591-15
 Lab Batch No. PSTS0019

Date Received 14-Mar-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 87

431 193

cides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL	
Aldrin	ALDRIN	F		0.0000				0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1129	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000				0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1129	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000				0.0003	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1129	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F		0.0000				0.0004	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1129	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000				0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1129	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000				0.005	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1129	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000				0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1129	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000				0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1129	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDT	DDT44	F		0.0000				0.0005	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1129	SW3550	SW8080	GC2	03-12-96	0.008
Dieldrin	DIELDRIN	F		0.0000				0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1129	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F		0.0000				0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1129	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000				0.002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1129	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000				0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1129	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000				0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1129	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000				0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1129	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000				0.0004	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1129	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000				0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1129	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000				0.0009	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1129	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000				0.005	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1129	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T	100	60	150			113	PR	%		MG/KG	15-Mar-96	1300	19-Mar-96	1129	SW3550	SW8080	GC2	03-12-96		
4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	100	60	150			107	PR	%		MG/KG	15-Mar-96	1300	19-Mar-96	1129	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 110202
 Lab Sample ID: 96-0591-16
 Lab Batch No.: PSTS0019

Date Received: 14-Mar-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 66.2

431 194

Pesticides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1206	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1206	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000			0.0003	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1206	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F		0.0000			0.0004	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1206	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHC GAMMA	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1206	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000			0.005	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1206	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000			0.002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1206	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1206	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDT	DDT44	F		0.0000			0.0005	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1206	SW3550	SW8080	GC2	03-12-96	0.008
Dieldrin	DIELDRIN	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1206	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1206	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000			0.002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1206	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1206	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1206	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000			0.002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1206	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000			0.0004	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1206	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPDX	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1206	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000			0.0009	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1206	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000			0.005	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1206	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T		100	60	150		135	PR	%		MG/KG	15-Mar-96	1300	19-Mar-96	1206	SW3550	SW8080	GC2	03-12-96	
2,4,5,8-Tetrachloro-m-xylene (SS)	XYL2456CLM	T		100	60	150		125	PR	%		MG/KG	15-Mar-96	1300	19-Mar-96	1206	SW3550	SW8080	GC2	03-12-96	

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 110203
 Lab Sample ID 96-0591-17
 Batch No. PSTS0019

Date Received 14-Mar-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 91

431 195

tides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000			0.0003	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.004
Beta-BHC	BHCDELTA	F		0.0000			0.0004	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000			0.0005	0.292	PR	=	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.007
4'-DDE	DDE44	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.003
4'-DDT	DDT44	F		0.0000			0.0005	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.008
Heptachlor	HELDORIN	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.04
Indrin	ENDRIN	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.004
Indrin aldehyde	ENDRINALD	F		0.0000			0.002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000			0.0004	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000			0.0009	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.1
Oxaphene	TOXAP	F		0.0000			0.0005	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.2
Tetrachlorobiphenyl (SS)	CL10BZ2	T		100	60	150		99.1	PR	%	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T		100	60	150		106	PR	%	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 110204
 Lab Sample ID: 96-0591-18
 Lab Batch No.: PSTS0019

Date Received: 14-Mar-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 87

431 196

Pesticides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC Q	Lab Q	Per Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000			0.0003	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F		0.0000			0.0004	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000			0.005	0.078	PR	=	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000			0.002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDT	DDT44	F		0.0000			0.0005	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.008
Dieldrin	DIELDRIN	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000			0.002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000			0.0004	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000			0.0009	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000			0.005	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL108Z2	T	100	60	150		110	PR	%	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96			
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	100	60	150		82.9	PR	%	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96			

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 110205
 Lab Sample ID 96-0591-19
 Lab Batch No. PSTS0019

Date Received 14-Mar-96
 Matrix/Basis S/D
 Dilution Factor 10
 Total Solids(%) 75.6

431 197

icides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000			0.0001	0	PR U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0529	SW3550	SW8080	GC2	03-12-96	0.003	
Alpha-BHC	BHCALPHA	F		0.0000			0.0002	0	PR U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0529	SW3550	SW8080	GC2	03-12-96	0.002	
Beta-BHC	BHCBETA	F		0.0000			0.0003	0	PR U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0529	SW3550	SW8080	GC2	03-12-96	0.004	
Delta-BHC	BHCDELTA	F		0.0000			0.0004	0	PR U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0529	SW3550	SW8080	GC2	03-12-96	0.006	
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			0.0001	0	PR U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0529	SW3550	SW8080	GC2	03-12-96	0.003	
Chlordane	CHLORDANE	F		0.0000			0.005	0.518	PR U	=	MG/KG	15-Mar-96	1300	20-Mar-96	0529	SW3550	SW8080	GC2	03-12-96	0.009	
4,4'-DDD	DDD44	F		0.0000			0.002	0	PR U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0529	SW3550	SW8080	GC2	03-12-96	0.007	
4,4'-DDE	DDE44	F		0.0000			0.0002	0	PR U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0529	SW3550	SW8080	GC2	03-12-96	0.003	
4,4'-DDT	DDT44	F		0.0000			0.0005	0	PR U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0529	SW3550	SW8080	GC2	03-12-96	0.008	
Dieldrin	DIELDRIN	F		0.0000			0.0001	0	PR U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0529	SW3550	SW8080	GC2	03-12-96	0.001	
Endosulfan I	ENDOSULFANA	F		0.0000			0.0002	0	PR U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0529	SW3550	SW8080	GC2	03-12-96	0.009	
Endosulfan II	ENDOSULFANB	F		0.0000			0.002	0	PR U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0529	SW3550	SW8080	GC2	03-12-96	0.003	
Endosulfan sulfate	ENDOSULFANS	F		0.0000			0.0001	0	PR U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0529	SW3550	SW8080	GC2	03-12-96	0.04	
Endrin	ENDRIN	F		0.0000			0.0001	0	PR U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0529	SW3550	SW8080	GC2	03-12-96	0.004	
Endrin aldehyde	ENDRINALD	F		0.0000			0.002	0	PR U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0529	SW3550	SW8080	GC2	03-12-96	0.02	
Heptachlor	HEPTACHLOR	F		0.0000			0.0004	0	PR U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0529	SW3550	SW8080	GC2	03-12-96	0.002	
Heptachlor epoxide	HEPT-EPOX	F		0.0000			0.0002	0	PR U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0529	SW3550	SW8080	GC2	03-12-96	0.06	
Methoxychlor	MTXYCL	F		0.0000			0.0009	0	PR U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0529	SW3550	SW8080	GC2	03-12-96	0.1	
Toxaphene	TOXAP	F		0.0000			0.005	0	PR U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0529	SW3550	SW8080	GC2	03-12-96	0.2	
Decachlorobiphenyl (SS)	CL10BZ2	T	100	60	150		123	PR	%	MG/KG	15-Mar-96	1300	20-Mar-96	0529	SW3550	SW8080	GC2	03-12-96			
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	100	60	150		102	PR	%	MG/KG	15-Mar-96	1300	20-Mar-96	0529	SW3550	SW8080	GC2	03-12-96			

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 110206
 Lab Sample ID: 96-0591-20
 Lab Batch No.: PSTS0019

Date Received: 14-Mar-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 89.3

431 198

Pesticides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL	
Aldrin	ALDRIN	F		0.0000				0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000				0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000				0.0003	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDelta	F		0.0000				0.0004	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000				0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000				0.005	0.062	PR	=		MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000				0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000				0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDT	DDT44	F		0.0000				0.0005	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.008
Dieldrin	DIELDRIN	F		0.0000				0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F		0.0000				0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000				0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000				0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000				0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000				0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000				0.0004	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000				0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000				0.0009	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000				0.0005	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T	100	60	150			120	PR	%		MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96		
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	100	60	150			115	PR	%		MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 110207
 Lab Sample ID 96-0591-21
 Lab Batch No. PSTS0020

Date Received 14-Mar-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 89.3

431 199

cides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000			0.0003	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F		0.0000			0.0004	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000			0.005	0.094	PR	=		MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SW8080	GC2	03-12-96	0.003
1,4'-DDT	DDT44	F		0.0000			0.0005	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SW8080	GC2	03-12-96	0.008
Dieldrin	DIELDRIN	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFAN	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000			0.0004	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000			0.0009	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000			0.005	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T	100	60	150		94.7	PR	%			MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SW8080	GC2	03-12-96	
4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	100	60	150		110	PR	%			MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SW8080	GC2	03-12-96	

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 110208
 Lab Sample ID: 96-0591-22
 Lab Batch No.: PSTS0020

Date Received: 14-Mar-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 92.4

Pesticides

431 200

Compound	Analyte Code	S QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F	0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F	0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F	0.0000			0.0003	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F	0.0000			0.0004	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F	0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F	0.0000			0.005	0.053	PR	=	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F	0.0000			0.002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F	0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDT	DDT44	F	0.0000			0.0005	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.008
Dieldrin	DIELDRIN	F	0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F	0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F	0.0000			0.002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F	0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F	0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F	0.0000			0.002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F	0.0000			0.0004	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F	0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F	0.0000			0.0009	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F	0.0000			0.005	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T	100	60	150	111	PR	%	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96			
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2458CLM	T	100	60	150	109	PR	%	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96			

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 110209
 Lab Sample ID: 96-0591-23
 Lab Batch No.: PSTS0020

Date Received: 14-Mar-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 89.3

431 201

Organochlorides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Amyl Meth	Inst ID	CAL	PQL	
Aldrin	ALDRIN	F		0.0000				0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000				0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000				0.0003	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F		0.0000				0.0004	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000				0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000				0.005	0.158	PR	=	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.008	
4,4'-DDD	DDD44	F		0.0000				0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000				0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDT	DDT44	F		0.0000				0.0005	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.008
Dieldrin	DIELDRIN	F		0.0000				0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFAN	F		0.0000				0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000				0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000				0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000				0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000				0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000				0.0004	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000				0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.006
Methoxychlor	MTXYCL	F		0.0000				0.0009	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000				0.005	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T	100	60	150			129		PR	%	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96		
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	100	60	150			114		PR	%	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CRA-110302
 Lab Sample ID: 96-0591-25
 Lab Batch No.: PSTL0020

Date Received: 14-Mar-96
 Matrix/Basis: W/X
 Dilution Factor: 1
 Total Solids(%): N/A

431 202

Pesticides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000			0.02	0	PR	U	ND	UG/L	18-Mar-96	1300	20-Mar-96	0837	SW3510	SW8080	GC2	03-12-96	0.04
Alpha-BHC	BHCALPHA	F		0.0000			0.01	0	PR	U	ND	UG/L	18-Mar-96	1300	20-Mar-96	0837	SW3510	SW8080	GC2	03-12-96	0.03
Beta-BHC	BHCBETA	F		0.0000			0.02	0	PR	U	ND	UG/L	18-Mar-96	1300	20-Mar-96	0837	SW3510	SW8080	GC2	03-12-96	0.06
Delta-BHC	BHCDELTA	F		0.0000			0.02	0	PR	U	ND	UG/L	18-Mar-96	1300	20-Mar-96	0837	SW3510	SW8080	GC2	03-12-96	0.09
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			0.01	0	PR	U	ND	UG/L	18-Mar-96	1300	20-Mar-96	0837	SW3510	SW8080	GC2	03-12-96	0.04
Chlordane	CHLORDANE	F		0.0000			0.14	0	PR	U	ND	UG/L	18-Mar-96	1300	20-Mar-96	0837	SW3510	SW8080	GC2	03-12-96	0.14
4,4'-DDD	DDD44	F		0.0000			0.02	0	PR	U	ND	UG/L	18-Mar-96	1300	20-Mar-96	0837	SW3510	SW8080	GC2	03-12-96	0.11
4,4'-DDE	DDE44	F		0.0000			0.02	0	PR	U	ND	UG/L	18-Mar-96	1300	20-Mar-96	0837	SW3510	SW8080	GC2	03-12-96	0.04
4,4'-DDT	DDT44	F		0.0000			0.02	0	PR	U	ND	UG/L	18-Mar-96	1300	20-Mar-96	0837	SW3510	SW8080	GC2	03-12-96	0.12
Dieleadrin	DIELDRIN	F		0.0000			0.01	0	PR	U	ND	UG/L	18-Mar-96	1300	20-Mar-96	0837	SW3510	SW8080	GC2	03-12-96	0.02
Endosulfan I	ENDOSULFANA	F		0.0000			0.01	0	PR	U	ND	UG/L	18-Mar-96	1300	20-Mar-96	0837	SW3510	SW8080	GC2	03-12-96	0.14
Endosulfan II	ENDOSULFANB	F		0.0000			0.01	0	PR	U	ND	UG/L	18-Mar-96	1300	20-Mar-96	0837	SW3510	SW8080	GC2	03-12-96	0.04
Endosulfan sulfate	ENDOSULFANS	F		0.0000			0.01	0	PR	U	ND	UG/L	18-Mar-96	1300	20-Mar-96	0837	SW3510	SW8080	GC2	03-12-96	0.66
Endrin	ENDRIN	F		0.0000			0.01	0	PR	U	ND	UG/L	18-Mar-96	1300	20-Mar-96	0837	SW3510	SW8080	GC2	03-12-96	0.06
Endrin aldehyde	ENDRINALD	F		0.0000			0.01	0	PR	U	ND	UG/L	18-Mar-96	1300	20-Mar-96	0837	SW3510	SW8080	GC2	03-12-96	0.23
Heptachlor	HEPTACHLOR	F		0.0000			0.01	0	PR	U	ND	UG/L	18-Mar-96	1300	20-Mar-96	0837	SW3510	SW8080	GC2	03-12-96	0.03
Heptachlor epoxide	HEPT-EPOX	F		0.0000			0.04	0	PR	U	ND	UG/L	18-Mar-96	1300	20-Mar-96	0837	SW3510	SW8080	GC2	03-12-96	0.83
Methoxychlor	MTXYCL	F		0.0000			0.06	0	PR	U	ND	UG/L	18-Mar-96	1300	20-Mar-96	0837	SW3510	SW8080	GC2	03-12-96	1.76
Toxaphene	TOXAP	F		0.0000			0.1	0	PR	U	ND	UG/L	18-Mar-96	1300	20-Mar-96	0837	SW3510	SW8080	GC2	03-12-96	2.4
Decachlorobiphenyl (SS)	CL10BZ2	T	100	60	150		95.2	PR	%	UG/L			18-Mar-96	1300	20-Mar-96	0837	SW3510	SW8080	GC2	03-12-96	
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	100	60	150		68.2	PR	%	UG/L			18-Mar-96	1300	20-Mar-96	0837	SW3510	SW8080	GC2	03-12-96	

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 110001
 Lab Sample ID: 96-0591-01-1C
 Lab Batch No.: PSTS0019

Date Received: 14-Mar-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 86.7

431 203

cides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000			0.0003	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDelta	F		0.0000			0.0004	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000			0.005	0.045	1C	=	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.009	
4,4'-DDD	DDD44	F		0.0000			0.002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDT	DDT44	F		0.0000			0.0005	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.008
Dieldrin	DIELDRIN	F		0.0000			0.0001	0.0023	1C	=	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.001	
Endosulfan I	ENDOSULFANA	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000			0.002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000			0.002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000			0.0004	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000			0.0009	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000			0.005	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T	100	60	150			112	1C	%	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96		
4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	100	60	150			96.5	1C	%	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 110002
 Lab Sample ID 96-0591-02-1C
 Lab Batch No. PSTS0019

Date Received 14-Mar-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 87.8

431 204

Pesticides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000			0.0003	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F		0.0000			0.0004	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000			0.005	0.072	1C	=	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.009	
4,4'-DDD	DDD44	F		0.0000			0.002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDT	DDT44	F		0.0000			0.0005	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.008
Dieldrin	DIELDRIN	F		0.0000			0.0001	0.0014	1C	=	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.001	
Endosulfan I	ENDOSULFANA	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000			0.002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000			0.0004	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000			0.0009	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000			0.005	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T	100	60	150		108	1C	%	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96			
2,4,5,8-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	100	60	150		102	1C	%	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96			

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 110003
 Lab Sample ID: 96-0591-03-1C
 Lab Batch No.: PSTS0019

Date Received: 14-Mar-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 91.5

431 205

cides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000			0.0003	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F		0.0000			0.0004	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000			0.005	0.101	1C	U	=	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000			0.002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.007
1,4'-DDE	DDE44	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.003
1,4'-DDT	DDT44	F		0.0000			0.0005	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.008
Dieldrin	DIELDRIN	F		0.0000			0.0001	0.0016	1C	U	=	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000			0.002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000			0.0004	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.002
Methoxychlor	MTXYCL	F		0.0000			0.0009	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000			0.005	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T	100	60	150		236	1C	%	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96			
4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	100	60	150		93.6	1C	%	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96			

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 110005
 Lab Sample ID 96-0591-05-1C
 Lab Batch No. PSTS0019

Date Received 14-Mar-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 97.5

431 206

Pesticides

Compound	Analyte Code	S QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F	0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F	0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F	0.0000			0.0003	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDelta	F	0.0000			0.0004	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F	0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F	0.0000			0.005	0.092	1C	U	=	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F	0.0000			0.002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F	0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDT	DDT44	F	0.0000			0.0005	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.008
Dieldrin	DIELDRIN	F	0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F	0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F	0.0000			0.002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F	0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F	0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F	0.0000			0.002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F	0.0000			0.0004	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F	0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F	0.0000			0.0009	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.2
Toxaphene	TOXAP	F	0.0000			0.005	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	
Decachlorobiphenyl (SS)	CL10BZ2	T	100	60	150		109	1C	%	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96		
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	100	60	150		126	1C	%	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 110103
 Lab Sample ID 96-0591-08-1C
 Lab Batch No. PSTS0019

Date Received 14-Mar-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 92

431 207

cides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000				0.0001 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000				0.0002 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000				0.0003 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F		0.0000				0.0004 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000				0.0001 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000				0.005 0.083	1C	=	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000				0.002 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000				0.0002 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.003
4'-DDT	DDT44	F		0.0000				0.0005 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.008
Heptdrin	HELDRIN	F		0.0000				0.0001 0.013	1C	=	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFAN	F		0.0000				0.0002 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000				0.0002 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000				0.0001 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000				0.0001 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000				0.002 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000				0.0004 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000				0.0002 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000				0.0009 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000				0.005 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T		100	60	150		104	1C	%	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96		
4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T		100	60	150		108	1C	%	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 110104
 Lab Sample ID 96-0591-09-1C
 Lab Batch No. PSTS0019

Date Received 14-Mar-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 89.3

431 208

Pesticides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000				0.0001 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000				0.0002 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000				0.0003 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F		0.0000				0.0004 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000				0.0001 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000				0.005 0.031	1C	=	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDD	DDD44	F		0.0000				0.002 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDE	DDE44	F		0.0000				0.0002 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.008
4,4'-DDT	DDT44	F		0.0000				0.0005 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.001
Dieldrin	DIELDRIN	F		0.0000				0.0001 0.0043	1C	=	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan I	ENDOSULFANA	F		0.0000				0.0002 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan II	ENDOSULFANB	F		0.0000				0.0002 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.04
Endosulfan sulfate	ENDOSULFANS	F		0.0000				0.0001 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.004
Endrin	ENDRIN	F		0.0000				0.0001 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.02
Endrin aldehyde	ENDRINALD	F		0.0000				0.0002 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor	HEPTACHLOR	F		0.0000				0.0004 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.06
Heptachlor epoxide	HEPT-EPOX	F		0.0000				0.0002 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.1
Methoxychlor	MTXYCL	F		0.0000				0.0009 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.2
Toxaphene	TOXAP	F		0.0000				0.005 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	
Decachlorobiphenyl (SS)	CL10BZ2	T	100	60	150			103	1C	%	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	100	60	150			98	1C	%	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 110105
 Lab Sample ID 96-0591-10-1C
 Lab Batch No. PSTSD019

Date Received 14-Mar-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 90.7

431 209

cides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000			0.0003	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F		0.0000			0.0004	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000			0.005	0.040	1C	U	*	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000			0.002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDT	DDT44	F		0.0000			0.0005	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SW8080	GC2	03-12-96	0.008
Dieldrin	DIELDRIN	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000			0.002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000			0.002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000			0.0004	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000			0.0009	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000			0.005	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T		100	60	150		117	1C	%	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SW8080	GC2	03-12-96		
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T		100	60	150		105	1C	%	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 110105
 Lab Sample ID: 96-0591-11-1C
 Lab Batch No.: PSTS0019

Date Received: 14-Mar-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 87.3

431 210

Pesticides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000			0.0003	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F		0.0000			0.0004	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000			0.005	0.030	1C	*		MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000			0.002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDT	DDT44	F		0.0000			0.0005	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.008
Dieldrin	DIELDRIN	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000			0.002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000			0.0004	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000			0.0009	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000			0.005	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T	100	60	150		130	1C	%		MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96		
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	100	60	150		116	1C	%		MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 110107
 Lab Sample ID: 96-0591-12-1C
 Lab Batch No.: PSTS0019

Date Received: 14-Mar-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 86.8

431 211

cides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MIN	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000			0.0003	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDelta	F		0.0000			0.0004	0.0039	1C	J	TR	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000			0.005	0.042	1C	=	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.009	
4,4'-DDD	DDD44	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.003
1,4'-DDT	DDT44	F		0.0000			0.0005	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.006
Dieldrin	DIELDRIN	F		0.0000			0.0001	0.0038	1C	=	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.001	
Endosulfan I	ENDOSULFANA	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000			0.002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000			0.0004	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000			0.0009	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.1
Oxaphene	TOXAP	F		0.0000			0.005	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T	100	60	150		107	1C	%	MG/KG		15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96		
4,5,6-Tetrachloro-m-xylene (SS)	YXL2456CLM	T	100	60	150		108	1C	%	MG/KG		15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CRA-A 110108
 Lab Sample ID 96-0591-13-1C
 Lab Batch No. PSTS0019

Data Received 14-Mar-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 97.5

431 212

Pesticides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV Cc	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000			0.0003	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F		0.0000			0.0004	0.0044	1C	J	TR	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000			0.005	0.031	1C	=		MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000			0.002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDE	DDE44	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.008
4,4'-DDT	DOT44	F		0.0000			0.0005	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.001
Die�drin	DIELDRIN	F		0.0000			0.0001	0.0070	1C	=		MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan I	ENDOSULFANA	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan II	ENDOSULFANB	F		0.0000			0.002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.004
Endosulfan sulfate	ENDOSULFANS	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.02
Endrin aldehyde	ENDRINALD	F		0.0000			0.002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor	HEPTACHLOR	F		0.0000			0.0004	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.06
Heptachlor epoxide	HEPT-EPOX	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.1
Methoxychlor	MTXYCL	F		0.0000			0.0009	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.2
Toxaphene	TOXAP	F		0.0000			0.005	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	
Decachlorobiphenyl (SS)	CL10BZ2	T	100	60	150		93.2	1C	%		MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96		
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	100	60	150		104	1C	%		MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 110109
 Lab Sample ID: 96-0591-14-1C
 Lab Batch No.: PSTS0019

Date Received: 14-Mar-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 83.5

431 213

Codes

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
lindrin	ALDRIN	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000			0.0003	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDelta	F		0.0000			0.0004	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000			0.005	0.219	1C	U	=	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDT	DDT44	F		0.0000			0.0005	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.008
Heptdrin	HELDREN	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000			0.002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000			0.002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000			0.0004	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000			0.0009	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000			0.0005	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.2
Tetrachlorobiphenyl (SS)	CL108Z2	T		100	60	150		126	1C	%	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96		
4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T		100	60	150		107	1C	%	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 110203
 Lab Sample ID 96-0591-17-1C
 Lab Batch No. PSTS0019

Date Received 14-Mar-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 91

431 214

Pesticides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000				0.0001 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000				0.0002 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000				0.0003 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F		0.0000				0.0004 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000				0.0001 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000				0.005 0.292	1C	=	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000				0.002 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000				0.0002 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDT	DDT44	F		0.0000				0.0005 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.008
Dieldrin	DIELDRIN	F		0.0000				0.0001 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F		0.0000				0.0002 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000				0.002 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000				0.0001 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000				0.0001 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000				0.0002 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000				0.0004 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000				0.0002 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000				0.0009 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000				0.0005 0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T	100	60	150			99.1	1C	%	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96		
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	100	60	150			106	1C	%	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 110204
 ab Sample ID: 96-0591-18-1C
 ab Batch No.: PSTS0019

Date Received: 14-Mar-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 87

431 215

ides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000			0.0003	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.004
Eta-BHC	BHCDELTA	F		0.0000			0.0004	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000			0.005	0.078	1C	=	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000			0.002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.003
4'-DDT	DDT44	F		0.0000			0.0005	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.008
Heptachlor	HELDREN	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000			0.002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.04
Heptachlor	ENDRIN	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.004
Heptachlor aldehyde	ENDRINALD	F		0.0000			0.002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor epoxide	HEPT-EPOX	F		0.0000			0.0004	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.002
Methoxychlor	MTXYCL	F		0.0000			0.0009	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.1
Oxaphene	TOXAP	F		0.0000			0.005	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.2
Heptachlorobiphenyl (SS)	CL10BZ2	T	100	60	150		110	1C	%	MG/KG			15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	
4,5,6-Tetrachloro-m-xylene (SS)	XYL2458CLM	T	100	60	150		82.9	1C	%	MG/KG			15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 110205
 Lab Sample ID 96-0591-19-1C
 Lab Batch No. PSTS0019

Date Received 14-Mar-96
 Matrix/Basis S/D
 Dilution Factor 10
 Total Solids(%) 75.6

431 216

Pesticides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0529	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0529	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000			0.0003	0	1C	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0529	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F		0.0000			0.0004	0	1C	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0529	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0529	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000			0.005	0.518	1C	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0529	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000			0.002	0	1C	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0529	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDE	DDE44	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0529	SW3550	SW8080	GC2	03-12-96	0.008
4,4'-DDT	DDT44	F		0.0000			0.0005	0	1C	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0529	SW3550	SW8080	GC2	03-12-96	0.001
Dieldrin	DIELDRIN	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0529	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan I	ENDOSULFANA	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0529	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000			0.002	0	1C	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0529	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0529	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0529	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000			0.002	0	1C	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0529	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000			0.0004	0	1C	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0529	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0529	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000			0.0009	0	1C	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0529	SW3550	SW8080	GC2	03-12-96	0.2
Toxaphene	TOXAP	F		0.0000			0.005	0	1C	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0529	SW3550	SW8080	GC2	03-12-96	
Decachlorobiphenyl (SS)	CL10BZ2	T		100	60	150		123	1C	%	MG/KG	15-Mar-96	1300	20-Mar-96	0529	SW3550	SW8080	GC2	03-12-96		
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T		100	60	150		102	1C	%	MG/KG	15-Mar-96	1300	20-Mar-96	0529	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 110206
 Lab Sample ID 96-0591-20-1C
 Lab Batch No. PSTS0019

Date Received 14-Mar-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 89.3

431 217

cides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inet ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000			0.0003	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F		0.0000			0.0004	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000			0.005	0.062	1C	U	=	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDT	DDT44	F		0.0000			0.0005	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.006
Dieldrin	DIELDRIN	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000			0.0004	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000			0.0009	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000			0.005	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T	100	60	150		120	1C	%	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96			
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	100	60	150		115	1C	%	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96			

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 110207
 Lab Sample ID 96-0591-21-1C
 Lab Batch No. PSTS0020

Date Received 14-Mar-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 89.3

431 218

Pesticides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SWB080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SWB080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000			0.0003	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SWB080	GC2	03-12-96	0.004
Delta-BHC	BHCDelta	F		0.0000			0.0004	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SWB080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SWB080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000			0.005	0.094	1C	U	=	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SWB080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000			0.002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SWB080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SWB080	GC2	03-12-96	0.003
4,4'-DDT	DDT44	F		0.0000			0.0005	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SWB080	GC2	03-12-96	0.008
Dieldrin	DIELDORIN	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SWB080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SWB080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000			0.002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SWB080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SWB080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SWB080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000			0.002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SWB080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000			0.0004	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SWB080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SWB080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000			0.0009	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SWB080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000			0.005	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SWB080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T	100	60	150		94.7	1C	%	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SWB080	GC2	03-12-96			
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	100	60	150		110	1C	%	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SWB080	GC2	03-12-96			

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 110208
 Lab Sample ID: 96-0591-22-1C
 Lab Batch No.: PSTS0020

Date Received: 14-Mar-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 92.4

431 219

cides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000			0.0003	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F		0.0000			0.0004	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000			0.005	0.053	1C	=	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000			0.002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDT	DDT44	F		0.0000			0.0005	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.008
Dielein	DIELDRIN	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000			0.002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000			0.002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000			0.0004	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000			0.0009	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000			0.005	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T		100	60	150		111	1C	%	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96		
3,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T		100	60	150		109	1C	%	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 110209
 Lab Sample ID: 96-0591-23-1C
 Lab Batch No.: PSTS0020

Date Received: 14-Mar-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 89.3

431 220

Pesticides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000			0.0003	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F		0.0000			0.0004	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000			0.005	0.158	1C	U	=	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000			0.002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDT	DDT44	F		0.0000			0.0005	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.008
Dieldrin	DIELDRIN	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000			0.002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000			0.0001	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000			0.0004	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000			0.0002	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000			0.0009	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000			0.0005	0	1C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T	100	60	150		129		1C	%	%	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	100	60	150		114		1C	%	%	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 110001
 Lab Sample ID: 96-0591-01-2C
 Lab Batch No.: PSTS0019

Date Received: 14-Mar-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 86.7

431 221

cides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000			0.0003	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F		0.0000			0.0004	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000			0.0005	0.028	2C	U	#	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.003
1,4'-DDT	DDT44	F		0.0000			0.0005	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.008
Dieldrin	DIELDRIN	F		0.0000			0.0001	0.0023	2C	U	#	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000			0.0004	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000			0.0009	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000			0.0005	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T	100	60	150		118		2C	%	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96		
1,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	100	60	150		102		2C	%	MG/KG	15-Mar-96	1300	19-Mar-96	0105	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 110002
 Lab Sample ID 96-0591-02-2C
 Lab Batch No. PSTS0019

Date Received 14-Mar-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 87.8

431 222

Pesticides

Compound	Analyte Code	S QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F	0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F	0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F	0.0000			0.0003	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F	0.0000			0.0004	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F	0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F	0.0000			0.005	0.039	2C	=	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F	0.0000			0.002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDE	DDE44	F	0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.008
4,4'-DDT	DDT44	F	0.0000			0.0005	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.001
Dieldrin	DIELDRIN	F	0.0000			0.0001	0.0019	2C	=	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan I	ENDOSULFANA	F	0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan II	ENDOSULFANB	F	0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F	0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.004
Endrin	ENDRIN	F	0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.02
Endrin aldehyde	ENDRINALD	F	0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor	HEPTACHLOR	F	0.0000			0.0004	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F	0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F	0.0000			0.0009	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F	0.0000			0.005	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T	100	60	150		119	2C	%	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96		
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	100	60	150		97.4	2C	%	MG/KG	15-Mar-96	1300	19-Mar-96	0142	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 110003
 Lab Sample ID: 96-0591-03-2C
 Lab Batch No.: PSTS0019

Date Received: 14-Mar-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 91.5

431 223

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000			0.0003	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F		0.0000			0.0004	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000			0.005	0.129	2C	=	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000			0.002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.003
1,4'-DDT	DDT44	F		0.0000			0.0005	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.008
Heptdrin	DIELDRIN	F		0.0000			0.0001	0.0020	2C	=	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000			0.002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000			0.002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.02
Ieplachlor	HEPTACHLOR	F		0.0000			0.0004	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000			0.0009	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000			0.005	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T		100	60	150		109	2C	%	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96		
4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T		100	60	150		108	2C	%	MG/KG	15-Mar-96	1300	19-Mar-96	0219	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 110005
 Lab Sample ID 96-0591-05-2C
 Lab Batch No. PSTS0019

Date Received 14-Mar-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 97.5

431 224

Pesticides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst 1D	CAL	PQL
Aldrin	ALDRIN	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000			0.0003	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F		0.0000			0.0004	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000			0.005	0.065	2C	=	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000			0.002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDT	DDT44	F		0.0000			0.0005	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.008
Dieldrin	DIELDRIN	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000			0.002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDORIN	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000			0.002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000			0.0004	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000			0.0009	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000			0.005	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T		100	60	150		124	2C	%	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96		
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T		100	60	150		109	2C	%	MG/KG	15-Mar-96	1300	19-Mar-96	0332	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 110103
 Lab Sample ID 96-0591-08-2C
 Lab Batch No. PSTS0019

Date Received 14-Mar-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 92

431 225

cides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000			0.0003	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F		0.0000			0.0004	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000			0.005	0.077	2C	U	=	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000			0.002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.003
4'-DDT	DDT44	F		0.0000			0.0005	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.008
Heptdrin	HELDRIN	F		0.0000			0.0001	0.014	2C	U	=	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000			0.002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000			0.002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000			0.0004	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000			0.0009	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000			0.005	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T	100	60	150		104	2C	%	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96			
4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	100	60	150		106	2C	%	MG/KG	15-Mar-96	1300	19-Mar-96	0559	SW3550	SW8080	GC2	03-12-96			

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 110104
 Lab Sample ID 96-0591-09-2C
 Lab Batch No. PSTS0019

Date Received 14-Mar-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 89.3

431 226

Pesticides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL	
Aldrin	ALDRIN	F		0.0000				0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000				0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000				0.0003	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDelta	F		0.0000				0.0004	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000				0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000				0.005	0.022	2C	U	*	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000				0.002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000				0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDT	DDT44	F		0.0000				0.0005	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.008
Dieldrin	DIELDRIN	F		0.0000				0.0001	0.0041	2C	U	=	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F		0.0000				0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000				0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000				0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000				0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000				0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000				0.0004	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000				0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000				0.0009	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000				0.005	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T	100	60	150			104	2C	%	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96			
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	100	60	150			104	2C	%	MG/KG	15-Mar-96	1300	19-Mar-96	0635	SW3550	SW8080	GC2	03-12-96			

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 110105
 Lab Sample ID 96-0591-10-2C
 Lab Batch No. PSTS0019

Date Received 14-Mar-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 90.7

431 227

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SWB080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SWB080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000			0.0003	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SWB080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F		0.0000			0.0004	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SWB080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SWB080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000			0.005	0.031	2C	=	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SWB080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000			0.002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SWB080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SWB080	GC2	03-12-96	0.003
4,4'-DDT	DDT44	F		0.0000			0.0005	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SWB080	GC2	03-12-96	0.008
Dieldrin	DIELDRIN	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SWB080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SWB080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000			0.002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SWB080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SWB080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SWB080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000			0.002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SWB080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000			0.0004	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SWB080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SWB080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000			0.0009	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SWB080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000			0.005	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SWB080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T	100	60	150		117	2C	%	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SWB080	GC2	03-12-96		
2,4,5,8-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	100	60	150		108	2C	%	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0712	SW3550	SWB080	GC2	03-12-96		

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 110106
 Lab Sample ID: 96-0591-11-2C
 Lab Batch No.: PSTS0019

Date Received: 14-Mar-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 87.3

431 228

Pesticides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000			0.0003	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F		0.0000			0.0004	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000			0.005	0.026	2C	=	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDT	DDT44	F		0.0000			0.0005	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.008
Dieldrin	DIELDRIN	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000			0.002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000			0.0004	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000			0.0009	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000			0.0005	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T		100	60	150		138	2C	%	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96		
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T		100	60	150		117	2C	%	MG/KG	15-Mar-96	1300	19-Mar-96	0749	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 110107
 Lab Sample ID: 96-0591-12-2C
 Lab Batch No.: PSTS0019

Date Received: 14-Mar-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 88.8

431 220

cides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000				0.0001	0	2C U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000				0.0002	0	2C U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000				0.0003	0	2C U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F		0.0000				0.0004	0.0042	2C J	TR	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000				0.0001	0	2C U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000				0.005	0.024	2C	=	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000				0.002	0	2C U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000				0.0002	0	2C U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.003
1,4'-DDT	DDT44	F		0.0000				0.0005	0	2C U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.006
Dieldrin	DIELDRIN	F		0.0000				0.0001	0.0033	2C	=	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F		0.0000				0.0002	0	2C U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000				0.002	0	2C U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000				0.0001	0	2C U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000				0.0001	0	2C U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000				0.002	0	2C U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000				0.0004	0	2C U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000				0.0002	0	2C U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000				0.0009	0	2C U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000				0.005	0	2C U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T		100	60	150		109	2C	%	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96		
4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T		100	60	150		101	2C	%	MG/KG	15-Mar-96	1300	19-Mar-96	0911	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 110108
 Lab Sample ID 96-0591-13-2C
 Lab Batch No. PSTS0019

Date Received 14-Mar-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 97.5

431 230

Pesticides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000			0.0003	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDelta	F		0.0000			0.0004	0.0043	2C	J	TR	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000			0.005	0.021	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDD	DDD44	F		0.0000			0.002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDE	DDE44	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.008
4,4'-DDT	DDT44	F		0.0000			0.0005	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.001
Dieldrin	DIELDRIN	F		0.0000			0.0001	0.0064	2C	U	=	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan I	ENDOSULFANA	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan II	ENDOSULFANB	F		0.0000			0.002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.04
Endosulfan sulfate	ENDOSULFANS	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.004
Endrin	ENDRIN	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.02
Endrin aldehyde	ENDRINALD	F		0.0000			0.002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor	HEPTACHLOR	F		0.0000			0.0004	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000			0.0009	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	0.2
Toxaphene	TOXAP	F		0.0000			0.0005	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96	
Decachlorobiphenyl (SS)	CL10BZ2	T		100	60	150		93	2C	%	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96		
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T		100	60	150		108	2C	%	MG/KG	15-Mar-96	1300	19-Mar-96	0939	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 110109
 Lab Sample ID: 96-0591-14-2C
 Lab Batch No.: PSTS0019

Date Received: 14-Mar-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 83.5

431 231

cides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000			0.0003	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F		0.0000			0.0004	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000			0.005	0.187	2C	=	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000			0.002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.003
1,4'-DDT	DDT44	F		0.0000			0.0005	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.008
Dieldrin	DIELDRIN	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000			0.002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000			0.002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000			0.0004	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000			0.0009	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000			0.005	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T	100	60	150		131	2C	%	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96			
1,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	100	60	150		113	2C	%	MG/KG	15-Mar-96	1300	19-Mar-96	1016	SW3550	SW8080	GC2	03-12-96			

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 110203
 Lab Sample ID: 96-0591-17-2C
 Lab Batch No.: PSTS0019

Date Received: 14-Mar-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 91

431 232

Pesticides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000			0.0003	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F		0.0000			0.0004	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000			0.005	0.227	2C	=	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.0C
4,4'-DDD	DDD44	F		0.0000			0.002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.07
4,4'-DDE	DDE44	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDT	DDT44	F		0.0000			0.0005	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.008
Dieldrin	DIELDRIN	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.01
Endosulfan I	ENDOSULFANA	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000			0.002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000			0.0004	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000			0.0009	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000			0.005	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T		100	60	150		88	2C	%	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96		
2,4,5,8-Tetrachloro-m-xylene (SS)	XYL2456CLM	T		100	60	150		113	2C	%	MG/KG	15-Mar-96	1300	19-Mar-96	1253	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 110204
 Lab Sample ID 96-0591-18-2C
 Lab Batch No. PSTS0019

Date Received 14-Mar-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 87

431 233

cides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000			0.0003	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F		0.0000			0.0004	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000			0.005	0.059	2C	U	=	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000			0.002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.003
4-4'-DDT	DDT44	F		0.0000			0.0005	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.008
Dieldrin	DIELDRIN	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000			0.002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000			0.002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000			0.0004	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000			0.0009	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000			0.005	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T		100	60	150		95	2C	%	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96		
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T		100	60	150		80.6	2C	%	MG/KG	15-Mar-96	1300	19-Mar-96	1322	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 110205
 Lab Sample ID 96-0591-19-2C
 Lab Batch No. PSTS0019

Date Received 14-Mar-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 75.6

431 234

Pesticides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1357	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1357	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000			0.0003	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1357	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F		0.0000			0.0004	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1357	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1357	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000			0.005	0.380	2C	U	=	MG/KG	15-Mar-96	1300	19-Mar-96	1357	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000			0.002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1357	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1357	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDT	DDT44	F		0.0000			0.0005	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1357	SW3550	SW8080	GC2	03-12-96	0.008
Dieledrin	FIELDRIN	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1357	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1357	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000			0.002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1357	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1357	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1357	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000			0.002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1357	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000			0.0004	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1357	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1357	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000			0.0009	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1357	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000			0.0005	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1357	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T	100	60	150		126	2C	%	MG/KG	15-Mar-96	1300	19-Mar-96	1357	SW3550	SW8080	GC2	03-12-96			
2,4,5,8-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	100	60	150		111	2C	%	MG/KG	15-Mar-96	1300	19-Mar-96	1357	SW3550	SW8080	GC2	03-12-96			

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 110206
 Lab Sample ID: 96-0591-20-2C
 Lab Batch No.: PSTS0019

Date Received: 14-Mar-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 89.3

431 235

icides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000			0.0003	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDelta	F		0.0000			0.0004	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000			0.005	0.044	2C	U	=	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000			0.002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDT	DDT44	F		0.0000			0.0005	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.008
Dieldrin	DIELDRIN	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000			0.002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000			0.002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000			0.0004	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000			0.0009	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000			0.005	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96	0.2
Perchlorobiphenyl (SS)	CL10BZ2	T	100	60	150		128		2C	%	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96		
4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	100	60	150		117		2C	%	MG/KG	15-Mar-96	1300	19-Mar-96	1433	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 110207
 Lab Sample ID 96-0591-21-2C
 Lab Batch No. PSTS0020

Date Received 14-Mar-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 89.3

431 236

Pesticides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL	
Aldrin	ALDRIN	F		0.0000				0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000				0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000				0.0003	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDelta	F		0.0000				0.0004	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000				0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000				0.005	0.078	2C	=	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000				0.002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDE	DDE44	F		0.0000				0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SW8080	GC2	03-12-96	0.008
4,4'-DDT	DDT44	F		0.0000				0.0005	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SW8080	GC2	03-12-96	0.001
Dieldrin	DIELDRIN	F		0.0000				0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan I	ENDOSULFANA	F		0.0000				0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan II	ENDOSULFANB	F		0.0000				0.002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000				0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SW8080	GC2	03-12-96	0.004
Endrin	ENDRIN	F		0.0000				0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000				0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000				0.0004	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000				0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000				0.0009	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000				0.005	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T	100	60	150			98	2C	%	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SW8080	GC2	03-12-96			
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	100	60	150			111	2C	%	MG/KG	15-Mar-96	1300	19-Mar-96	1637	SW3550	SW8080	GC2	03-12-96			

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 110208
 Lab Sample ID: 96-0591-22-2C
 Lab Batch No.: PSTS0020

Date Received: 14-Mar-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%) 92.4

431 237

cides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000			0.0003	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F		0.0000			0.0004	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000			0.005	0.037	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000			0.002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDT	DDT44	F		0.0000			0.0005	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.008
Dieldrin	DIELDRIN	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000			0.0004	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000			0.0009	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000			0.005	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T	100	60	150		115	2C	%	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96			
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	100	60	150		110	2C	%	MG/KG	15-Mar-96	1300	19-Mar-96	1642	SW3550	SW8080	GC2	03-12-96			

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 110209
 Lab Sample ID 96-0591-23-C
 Lab Batch No. PSTS0020

Date Received 14-Mar-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 89.3

431 238

Pesticides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst 1D	CAL	PQL
Aldrin	ALDRIN	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000			0.0003	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F		0.0000			0.0004	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000			0.005	0.135	2C	=		MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000			0.002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDT	DDT44	F		0.0000			0.0005	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.008
Dieldrin	DIELDRIN	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000			0.0001	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000			0.0004	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000			0.0002	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000			0.0009	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000			0.005	0	2C	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T	100	60	150		136	2C	%			MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	100	60	150		121	2C	%			MG/KG	15-Mar-96	1300	19-Mar-96	1647	SW3550	SW8080	GC2	03-12-96	

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: LABQC
 Lab Sample ID: 96-0591-00LB1
 Lab Batch No.: PSTS0019

Date Received: 15-Mar-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 100

431 239

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F	LB1	0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0032	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F	LB1	0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0032	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F	LB1	0.0000			0.0003	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0032	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F	LB1	0.0000			0.0004	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0032	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F	LB1	0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0032	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F	LB1	0.0000			0.005	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0032	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F	LB1	0.0000			0.002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0032	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F	LB1	0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0032	SW3550	SW8080	GC2	03-12-96	0.003
I-4'-DDT	DDT44	F	LB1	0.0000			0.0005	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0032	SW3550	SW8080	GC2	03-12-96	0.008
Jieldrin	DIELDRIN	F	LB1	0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0032	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F	LB1	0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0032	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F	LB1	0.0000			0.002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0032	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan sulfate	ENDOSULFANS	F	LB1	0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0032	SW3550	SW8080	GC2	03-12-96	0.003
Endrin	ENDRIN	F	LB1	0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0032	SW3550	SW8080	GC2	03-12-96	0.04
Endrin aldehyde	ENDRINALD	F	LB1	0.0000			0.002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0032	SW3550	SW8080	GC2	03-12-96	0.004
Heptachlor	HEPTACHLOR	F	LB1	0.0000			0.0004	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0032	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor epoxide	HEPT-EPOX	F	LB1	0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0032	SW3550	SW8080	GC2	03-12-96	0.002
Methoxychlor	MTXYCL	F	LB1	0.0000			0.0009	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0032	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F	LB1	0.0000			0.005	0	PR	U	ND	MG/KG	15-Mar-96	1300	19-Mar-96	0032	SW3550	SW8080	GC2	03-12-96	0.2
Tetrachlorobiphenyl (SS)	CL10BZ2	T	LB1	100	60	150		111	PR	%	MG/KG	15-Mar-96	1300	19-Mar-96	0032	SW3550	SW8080	GC2	03-12-96		
4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	LB1	100	60	150		115	PR	%	MG/KG	15-Mar-96	1300	19-Mar-96	0032	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID LABQC
 Lab Sample ID 98-0591-00BS1
 Lab Batch No. PSTS0019

Date Received 15-Mar-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 100

431 210

Pesticides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F	BS1	0.0170	42	122	25	0.0001	0.014	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	0945	SW3550	SW8080	GC2	03-12-96	0.003	
Alpha-BHC	BHCALPHA	F	BS1	0.0170	37	134	25	0.0002	0.013	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	0945	SW3550	SW8080	GC2	03-12-96	0.002	
Beta-BHC	BHCBETA	F	BS1	0.0170	17	147	25	0.0003	0.013	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	0945	SW3550	SW8080	GC2	03-12-96	0.004	
Delta-BHC	BHCDELTA	F	BS1	0.0170	19	140	25	0.0004	0.0087	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	0945	SW3550	SW8080	GC2	03-12-96	0.006	
Gamma-BHC (Lindene)	BHCGAMMA	F	BS1	0.0170	32	127	25	0.0001	0.013	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	0945	SW3550	SW8080	GC2	03-12-96	0.003	
Chlordane	CHLORDANE	F	BS1	0.0000				0.005	0	PR U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0945	SW3550	SW8080	GC2	03-12-96	0.009	
4,4'-DDD	DDD44	F	BS1	0.0170	31	141	25	0.0002	0.016	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	0945	SW3550	SW8080	GC2	03-12-96	0.007	
4,4'-DDE	DDE44	F	BS1	0.0170	30	145	25	0.0002	0.015	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	0945	SW3550	SW8080	GC2	03-12-96	0.003	
4,4'-DDT	DDT44	F	BS1	0.0170	25	160	25	0.0005	0.015	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	0945	SW3550	SW8080	GC2	03-12-96	0.006	
Dieldrin	DIELDRIN	F	BS1	0.0170	36	146	25	0.0001	0.014	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	0945	SW3550	SW8080	GC2	03-12-96	0.001	
Endosulfan I	ENDOSULFANA	F	BS1	0.0170	45	153	25	0.0002	0.015	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	0945	SW3550	SW8080	GC2	03-12-96	0.009	
Endosulfan II	ENDOSULFANB	F	BS1	0.0170	1	202	25	0.0002	0.014	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	0945	SW3550	SW8080	GC2	03-12-96	0.003	
Endosulfan sulfate	ENDOSULFANS	F	BS1	0.0170	26	144	25	0.0001	0.015	PR J	TR	MG/KG	15-Mar-96	1300	20-Mar-96	0945	SW3550	SW8080	GC2	03-12-96	0.04	
Endrin	ENDRIN	F	BS1	0.0170	30	147	25	0.0001	0.015	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	0945	SW3550	SW8080	GC2	03-12-96	0.004	
Endrin aldehyde	ENDRINALD	F	BS1	0.0170	60	140	25	0.002	0.016	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	0945	SW3550	SW8080	GC2	03-12-96	0.015	
Heptachlor	HEPTACHLOR	F	BS1	0.0170	34	111	25	0.0004	0.014	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	0945	SW3550	SW8080	GC2	03-12-96	0.002	
Heptachlor epoxide	HEPT-EPOX	F	BS1	0.0170	37	142	25	0.0002	0.015	PR J	TR	MG/KG	15-Mar-96	1300	20-Mar-96	0945	SW3550	SW8080	GC2	03-12-96	0.06	
Methoxychlor	MTXYCL	F	BS1	0.0170	60	140	25	0.0009	0.017	PR J	TR	MG/KG	15-Mar-96	1300	20-Mar-96	0945	SW3550	SW8080	GC2	03-12-96	0.1	
Toxaphene	TOXAP	F	BS1	0.0000				0.005	0	PR U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0945	SW3550	SW8080	GC2	03-12-96	0.2	
Decachlorobiphenyl (SS)	CL10BZ2	T	BS1	100	60	150			116	PR	%	MG/KG	15-Mar-96	1300	20-Mar-96	0945	SW3550	SW8080	GC2	03-12-96		
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	BS1	100	60	150			97.9	PR	%	MG/KG	15-Mar-96	1300	20-Mar-96	0945	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 110002
 Job Sample ID: 96-0591-D2MS1
 Job Batch No.: PTS0019

Date Received: 14-Mar-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 67.8

431 241

des

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F	MS1	0.0170	42	122	25	0.0001	0.015	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1104	SW3550	SW8080	GC2	03-12-96	0.003	
Alpha-BHC	BHCALPHA	F	MS1	0.0170	37	134	25	0.0002	0.012	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1104	SW3550	SW8080	GC2	03-12-96	0.002	
Beta-BHC	BHCBETA	F	MS1	0.0170	17	147	25	0.0003	0.024	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1104	SW3550	SW8080	GC2	03-12-96	0.004	
Eta-BHC	BHCDelta	F	MS1	0.0170	19	140	25	0.0004	0.0086	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1104	SW3550	SW8080	GC2	03-12-96	0.006	
Gamma-BHC (Lindane)	BHCGAMMA	F	MS1	0.0170	32	127	25	0.0001	0.013	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1104	SW3550	SW8080	GC2	03-12-96	0.003	
Chlordane	CHLORDANE	F	MS1	0.0000				0.005	0	PR	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	1104	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F	MS1	0.0170	31	141	25	0.0002	0.018	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1104	SW3550	SW8080	GC2	03-12-96	0.007	
4,4'-DDE	DDE44	F	MS1	0.0170	30	145	25	0.0002	0.017	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1104	SW3550	SW8080	GC2	03-12-96	0.003	
4'-DDT	DDT44	F	MS1	0.0170	25	160	25	0.0005	0.017	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1104	SW3550	SW8080	GC2	03-12-96	0.008	
Heptachlor	DIELDRIN	F	MS1	0.0170	36	146	25	0.0001	0.018	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1104	SW3550	SW8080	GC2	03-12-96	0.001	
Endosulfan I	ENDOSULFANA	F	MS1	0.0170	45	153	25	0.0002	0.018	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1104	SW3550	SW8080	GC2	03-12-96	0.009	
Endosulfan II	ENDOSULFANB	F	MS1	0.0170	1	202	25	0.0002	0.014	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1104	SW3550	SW8080	GC2	03-12-96	0.003	
Endosulfan sulfate	ENDOSULFANS	F	MS1	0.0170	26	144	25	0.0001	0.015	PR	J	TR	MG/KG	15-Mar-96	1300	20-Mar-96	1104	SW3550	SW8080	GC2	03-12-96	0.04
Aldrin	ENDRIN	F	MS1	0.0170	30	147	25	0.0001	0.016	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1104	SW3550	SW8080	GC2	03-12-96	0.004	
Aldrin aldehyde	ENDRINALD	F	MS1	0.0170	60	140	25	0.0002	0.016	PR	J	TR	MG/KG	15-Mar-96	1300	20-Mar-96	1104	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F	MS1	0.0170	34	111	25	0.0004	0.015	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1104	SW3550	SW8080	GC2	03-12-96	0.002	
Heptachlor epoxide	HEPT-EPOX	F	MS1	0.0170	37	142	25	0.0002	0.016	PR	J	TR	MG/KG	15-Mar-96	1300	20-Mar-96	1104	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F	MS1	0.0170	60	140	25	0.0009	0.024	PR	J	TR	MG/KG	15-Mar-96	1300	20-Mar-96	1104	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F	MS1	0.0000				0.005	0	PR	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	1104	SW3550	SW8080	GC2	03-12-96	0.2
3,3'-Bichlorobiphenyl (SS)	CL10BZ2	T	MS1	100	60	150			110	PR	%	MG/KG	15-Mar-96	1300	20-Mar-96	1104	SW3550	SW8080	GC2	03-12-96		
1,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	MS1	100	60	150			90.1	PR	%	MG/KG	15-Mar-96	1300	20-Mar-96	1104	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 11002
 Lab Sample ID 96-0591-02SD1
 Lab Batch No. PSTS0019

Date Received 14-Mar-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 87.8

431 242

Pesticides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F	SD1	0.0170	42	122	25	0.0001	0.017	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1136	SW3550	SW8080	GC2	03-12-96	0.003	
Alpha-BHC	BHCALPHA	F	SD1	0.0170	37	134	25	0.0002	0.014	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1136	SW3550	SW8080	GC2	03-12-96	0.002	
Beta-BHC	BHCBETA	F	SD1	0.0170	17	147	25	0.0003	0.014	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1136	SW3550	SW8080	GC2	03-12-96	0.004	
Delta-BHC	BHCDELTA	F	SD1	0.0170	18	140	25	0.0004	0.0100	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1136	SW3550	SW8080	GC2	03-12-96	0.006	
Gamma-BHC (Lindane)	BHCGAMMA	F	SD1	0.0170	32	127	25	0.0001	0.015	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1136	SW3550	SW8080	GC2	03-12-96	0.003	
Chlordane	CHLORDANE	F	SD1	0.0000				0.005	0	PR	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	1136	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F	SD1	0.0170	31	141	25	0.002	0.022	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1136	SW3550	SW8080	GC2	03-12-96	0.007	
4,4'-DDE	DDE44	F	SD1	0.0170	30	145	25	0.0002	0.020	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1136	SW3550	SW8080	GC2	03-12-96	0.003	
4,4'-DDT	DDT44	F	SD1	0.0170	25	160	25	0.0005	0.022	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1136	SW3550	SW8080	GC2	03-12-96	0.008	
Dieldrin	DIELDRIN	F	SD1	0.0170	36	146	25	0.0001	0.021	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1136	SW3550	SW8080	GC2	03-12-96	0.001	
Endosulfan I	ENDOSULFANA	F	SD1	0.0170	45	153	25	0.0002	0.021	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1136	SW3550	SW8080	GC2	03-12-96	0.009	
Endosulfan II	ENDOSULFANB	F	SD1	0.0170	1	202	25	0.002	0.018	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1136	SW3550	SW8080	GC2	03-12-96	0.003	
Endosulfan sulfate	ENDOSULFANS	F	SD1	0.0170	26	144	25	0.0001	0.018	PR	J	TR	MG/KG	15-Mar-96	1300	20-Mar-96	1136	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F	SD1	0.0170	30	147	25	0.0001	0.019	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1136	SW3550	SW8080	GC2	03-12-96	0.004	
Endrin aldehyde	ENDRINALD	F	SD1	0.0170	60	140	25	0.002	0.019	PR	J	TR	MG/KG	15-Mar-96	1300	20-Mar-96	1136	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F	SD1	0.0170	34	111	25	0.0004	0.018	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1136	SW3550	SW8080	GC2	03-12-96	0.002	
Heptachlor epoxide	HEPT-EPOX	F	SD1	0.0170	37	142	25	0.0002	0.019	PR	J	TR	MG/KG	15-Mar-96	1300	20-Mar-96	1136	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F	SD1	0.0170	60	140	25	0.0009	0.024	PR	J	TR	MG/KG	15-Mar-96	1300	20-Mar-96	1136	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F	SD1	0.0000				0.005	0	PR	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	1136	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T	SD1	100	60	150			138	PR	%	MG/KG	15-Mar-96	1300	20-Mar-96	1136	SW3550	SW8080	GC2	03-12-96		
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	SD1	100	60	150			102	PR	%	MG/KG	15-Mar-96	1300	20-Mar-96	1136	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: LABQC
 Lab Sample ID: 96-0591-Q0LB2
 Job Batch No.: PSTS0020

Date Received: 15-Mar-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 100

431 243

icides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F	LB2	0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0826	SW3550	SWB080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F	LB2	0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0826	SW3550	SWB080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F	LB2	0.0000			0.0003	0	PR	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0826	SW3550	SWB080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F	LB2	0.0000			0.0004	0	PR	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0826	SW3550	SWB080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F	LB2	0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0826	SW3550	SWB080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F	LB2	0.0000			0.005	0	PR	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0826	SW3550	SWB080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F	LB2	0.0000			0.002	0	PR	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0826	SW3550	SWB080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F	LB2	0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0826	SW3550	SWB080	GC2	03-12-96	0.003
4,4'-DDT	DDT44	F	LB2	0.0000			0.0005	0	PR	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0826	SW3550	SWB080	GC2	03-12-96	0.006
Dieldrin	DIELDRIN	F	LB2	0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0826	SW3550	SWB080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F	LB2	0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0826	SW3550	SWB080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F	LB2	0.0000			0.002	0	PR	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0826	SW3550	SWB080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F	LB2	0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0826	SW3550	SWB080	GC2	03-12-96	0.04
Endrin	ENDRIN	F	LB2	0.0000			0.0001	0	PR	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0826	SW3550	SWB080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F	LB2	0.0000			0.002	0	PR	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0826	SW3550	SWB080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F	LB2	0.0000			0.0004	0	PR	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0826	SW3550	SWB080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F	LB2	0.0000			0.0002	0	PR	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0826	SW3550	SWB080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F	LB2	0.0000			0.0009	0	PR	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0826	SW3550	SWB080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F	LB2	0.0000			0.005	0	PR	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	0826	SW3550	SWB080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T	LB2	100	60	150		123	PR	%	MG/KG	15-Mar-96	1300	20-Mar-96	0826	SW3550	SWB080	GC2	03-12-96		
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	LB2	100	60	150		104	PR	%	MG/KG	15-Mar-96	1300	20-Mar-96	0826	SW3550	SWB080	GC2	03-12-96		

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID LABQC
 Lab Sample ID 96-0591-00BS2
 Lab Batch No. PSTS0020

Date Received 15-Mar-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 100

431 241

Pesticides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F	BS2	0.0170	42	122	25	0.0001	0.015	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1013	SW3550	SW8080	GC2	03-12-96	0.003	
Alpha-BHC	BHCALPHA	F	BS2	0.0170	37	134	25	0.0002	0.015	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1013	SW3550	SW8080	GC2	03-12-96	0.002	
Beta-BHC	BHCBETA	F	BS2	0.0170	17	147	25	0.0003	0.016	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1013	SW3550	SW8080	GC2	03-12-96	0.004	
Delta-BHC	BHCDELTA	F	BS2	0.0170	19	140	25	0.0004	0.010	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1013	SW3550	SW8080	GC2	03-12-96	0.006	
Gamma-BHC (Lindane)	BHCGAMMA	F	BS2	0.0170	32	127	25	0.0001	0.015	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1013	SW3550	SW8080	GC2	03-12-96	0.003	
Chlordane	CHLORDANE	F	BS2	0.0000				0.005	0	PR	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	1013	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	ODD44	F	BS2	0.0170	31	141	25	0.002	0.017	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1013	SW3550	SW8080	GC2	03-12-96	0.007	
4,4'-DDE	ODE44	F	BS2	0.0170	30	145	25	0.0002	0.016	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1013	SW3550	SW8080	GC2	03-12-96	0.003	
4,4'-DDT	DDT44	F	BS2	0.0170	25	160	25	0.0005	0.016	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1013	SW3550	SW8080	GC2	03-12-96	0.006	
Dieldrin	DIELDRIN	F	BS2	0.0170	36	146	25	0.0001	0.016	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1013	SW3550	SW8080	GC2	03-12-96	0.001	
Endosulfan I	ENDOSULFANA	F	BS2	0.0170	45	153	25	0.0002	0.016	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1013	SW3550	SW8080	GC2	03-12-96	0.009	
Endosulfan II	ENDOSULFANB	F	BS2	0.0170	1	202	25	0.002	0.016	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1013	SW3550	SW8080	GC2	03-12-96	0.003	
Endosulfan sulfate	ENDOSULFANS	F	BS2	0.0170	26	144	25	0.0001	0.016	PR	J	TR	MG/KG	15-Mar-96	1300	20-Mar-96	1013	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F	BS2	0.0170	30	147	25	0.0001	0.016	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1013	SW3550	SW8080	GC2	03-12-96	0.004	
Endrin aldehyde	ENDRINALD	F	BS2	0.0170	60	140	25	0.002	0.015	PR	J	TR	MG/KG	15-Mar-96	1300	20-Mar-96	1013	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F	BS2	0.0170	34	111	25	0.0004	0.016	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1013	SW3550	SW8080	GC2	03-12-96	0.002	
Heptachlor epoxide	HEPT-EPOX	F	BS2	0.0170	37	142	25	0.0002	0.016	PR	J	TR	MG/KG	15-Mar-96	1300	20-Mar-96	1013	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F	BS2	0.0170	60	140	25	0.0009	0.017	PR	J	TR	MG/KG	15-Mar-96	1300	20-Mar-96	1013	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F	BS2	0.0000				0.005	0	PR	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	1013	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T	BS2	100	60	150			130	PR	%	MG/KG	15-Mar-96	1300	20-Mar-96	1013	SW3550	SW8080	GC2	03-12-96		
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	BS2	100	60	150			123	PR	%	MG/KG	15-Mar-96	1300	20-Mar-96	1013	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
Quality Assurance Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 110209
 Lab Sample ID 96-0591-22MS2
 Lab Batch No. PST50020

Date Received 14-Mar-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 92.4

431 245

Notes

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par %	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F	MS2	0.0170	42	122	25	0.0001	0.016	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1358	SW3550	SW8080	GC2	03-12-96	0.003	
Alpha-BHC	BHCALPHA	F	MS2	0.0170	37	134	25	0.0002	0.016	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1358	SW3550	SW8080	GC2	03-12-96	0.002	
Beta-BHC	BHCBETA	F	MS2	0.0170	17	147	25	0.0003	0.017	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1358	SW3550	SW8080	GC2	03-12-96	0.004	
Delta-BHC	BHCDelta	F	MS2	0.0170	19	140	25	0.0004	0.0082	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1358	SW3550	SW8080	GC2	03-12-96	0.006	
Gamma-BHC (Lindane)	BHCGAMMA	F	MS2	0.0170	32	127	25	0.0001	0.017	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1358	SW3550	SW8080	GC2	03-12-96	0.003	
Lindane	CHLORDANE	F	MS2	0.0000				0.005	0	PR	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	1358	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F	MS2	0.0170	31	141	25	0.002	0.021	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1358	SW3550	SW8080	GC2	03-12-96	0.007	
4,4'-DDE	DDE44	F	MS2	0.0170	30	145	25	0.0002	0.019	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1358	SW3550	SW8080	GC2	03-12-96	0.003	
4'-DDT	DDT44	F	MS2	0.0170	25	160	25	0.0005	0.022	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1358	SW3550	SW8080	GC2	03-12-96	0.008	
Heptdrin	FIELDRIN	F	MS2	0.0170	36	146	25	0.0001	0.018	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1358	SW3550	SW8080	GC2	03-12-96	0.001	
Endosulfan I	ENDOSULFANA	F	MS2	0.0170	45	153	25	0.0002	0.022	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1358	SW3550	SW8080	GC2	03-12-96	0.009	
Endosulfan II	ENDOSULFANB	F	MS2	0.0170	1	202	25	0.002	0.018	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1358	SW3550	SW8080	GC2	03-12-96	0.003	
Endosulfan sulfate	ENDOSULFANS	F	MS2	0.0170	26	144	25	0.0001	0.018	PR	J	TR	MG/KG	15-Mar-96	1300	20-Mar-96	1358	SW3550	SW8080	GC2	03-12-96	0.04
Indrin	ENDRIN	F	MS2	0.0170	30	147	25	0.0001	0.018	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1358	SW3550	SW8080	GC2	03-12-96	0.004	
Indrin aldehyde	ENDRINALD	F	MS2	0.0170	60	140	25	0.002	0.019	PR	J	TR	MG/KG	15-Mar-96	1300	20-Mar-96	1358	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F	MS2	0.0170	34	111	25	0.0004	0.018	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1358	SW3550	SW8080	GC2	03-12-96	0.002	
Heptachlor epoxide	HEPT-EPOX	F	MS2	0.0170	37	142	25	0.0002	0.018	PR	J	TR	MG/KG	15-Mar-96	1300	20-Mar-96	1358	SW3550	SW8080	GC2	03-12-96	0.006
Methoxychlor	MTXYCL	F	MS2	0.0170	60	140	25	0.0009	0.022	PR	J	TR	MG/KG	15-Mar-96	1300	20-Mar-96	1358	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F	MS2	0.0000				0.005	0	PR	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	1358	SW3550	SW8080	GC2	03-12-96	0.2
Tetrachlorobiphenyl (SS)	CL10BZ2	T	MS2	100	60	150			129	PR	%	MG/KG	15-Mar-96	1300	20-Mar-96	1358	SW3550	SW8080	GC2	03-12-96		
4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	MS2	100	60	150			126	PR	%	MG/KG	15-Mar-96	1300	20-Mar-96	1358	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 110209
 Lab Sample ID 96-0591-22SD2
 Lab Batch No. PSTS0020

Date Received 14-Mar-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 92.4

431 246

Pesticides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F	SD2	0.0170	42	122	25	0.0001	0.017	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1403	SW3550	SW8080	GC2	03-12-96	0.003	
Alpha-BHC	BHCALPHA	F	SD2	0.0170	37	134	25	0.0002	0.016	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1403	SW3550	SW8080	GC2	03-12-96	0.002	
Beta-BHC	BHCBETA	F	SD2	0.0170	17	147	25	0.0003	0.017	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1403	SW3550	SW8080	GC2	03-12-96	0.004	
Delta-BHC	BHCOELTA	F	SD2	0.0170	19	140	25	0.0004	0.0086	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1403	SW3550	SW8080	GC2	03-12-96	0.006	
Gamma-BHC (Lindane)	BHCGAMMA	F	SD2	0.0170	32	127	25	0.0001	0.016	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1403	SW3550	SW8080	GC2	03-12-96	0.003	
Chlordane	CHLORDANE	F	SD2	0.0000				0.005	0	PR	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	1403	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F	SD2	0.0170	31	141	25	0.002	0.020	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1403	SW3550	SW8080	GC2	03-12-96	0.007	
4,4'-DDE	DDE44	F	SD2	0.0170	30	145	25	0.0002	0.020	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1403	SW3550	SW8080	GC2	03-12-96	0.003	
4,4'-DDT	DDT44	F	SD2	0.0170	25	160	25	0.0005	0.021	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1403	SW3550	SW8080	GC2	03-12-96	0.008	
Dieldrin	DIELDRIN	F	SD2	0.0170	36	146	25	0.0001	0.018	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1403	SW3550	SW8080	GC2	03-12-96	0.001	
Endosulfan I	ENDOSULFANA	F	SD2	0.0170	45	153	25	0.0002	0.022	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1403	SW3550	SW8080	GC2	03-12-96	0.009	
Endosulfan II	ENDOSULFANB	F	SD2	0.0170	1	202	25	0.002	0.019	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1403	SW3550	SW8080	GC2	03-12-96	0.003	
Endosulfan sulfate	ENDOSULFANS	F	SD2	0.0170	26	144	25	0.0001	0.019	PR	J	TR	MG/KG	15-Mar-96	1300	20-Mar-96	1403	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F	SD2	0.0170	30	147	25	0.0001	0.019	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1403	SW3550	SW8080	GC2	03-12-96	0.004	
Endrin aldehyde	ENDRINALD	F	SD2	0.0170	60	140	25	0.002	0.020	PR	J	TR	MG/KG	15-Mar-96	1300	20-Mar-96	1403	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F	SD2	0.0170	34	111	25	0.0004	0.017	PR	=	MG/KG	15-Mar-96	1300	20-Mar-96	1403	SW3550	SW8080	GC2	03-12-96	0.002	
Heptachlor epoxide	HEPT-EPOX	F	SD2	0.0170	37	142	25	0.0002	0.018	PR	J	TR	MG/KG	15-Mar-96	1300	20-Mar-96	1403	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F	SD2	0.0170	60	140	25	0.0009	0.023	PR	J	TR	MG/KG	15-Mar-96	1300	20-Mar-96	1403	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F	SD2	0.0000				0.005	0	PR	U	ND	MG/KG	15-Mar-96	1300	20-Mar-96	1403	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T	SD2	100	60	150			138	PR	%	MG/KG	15-Mar-96	1300	20-Mar-96	1403	SW3550	SW8080	GC2	03-12-96		
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	SD2	100	60	150			123	PR	%	MG/KG	15-Mar-96	1300	20-Mar-96	1403	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
Quality Assurance Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: LABQC
 Job Sample ID: 96-0591-00LB1
 Job Batch No.: PSTL0020

Date Received: 18-Mar-96
 Matrix/Basis: W/X
 Dilution Factor: 1
 Total Solids(%): N/A

431 247

Cides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab Dil	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL	
Aldrin	ALDRIN	F	LB1	0.0000				0.02	0	PR	U	ND	UG/L	18-Mar-96	1300	20-Mar-96	0605	SW3510	SW8080	GC2	03-12-96	0.04
Alpha-BHC	BHCALPHA	F	LB1	0.0000				0.01	0	PR	U	ND	UG/L	18-Mar-96	1300	20-Mar-96	0605	SW3510	SW8080	GC2	03-12-96	0.03
beta-BHC	BHCBETA	F	LB1	0.0000				0.02	0	PR	U	ND	UG/L	18-Mar-96	1300	20-Mar-96	0605	SW3510	SW8080	GC2	03-12-96	0.06
gamma-BHC	BHCDelta	F	LB1	0.0000				0.02	0	PR	U	ND	UG/L	18-Mar-96	1300	20-Mar-96	0605	SW3510	SW8080	GC2	03-12-96	0.09
gamma-BHC (Lindane)	BHCGAMMA	F	LB1	0.0000				0.01	0	PR	U	ND	UG/L	18-Mar-96	1300	20-Mar-96	0605	SW3510	SW8080	GC2	03-12-96	0.04
Chlordane	CHLORDANE	F	LB1	0.0000				0.14	0	PR	U	ND	UG/L	18-Mar-96	1300	20-Mar-96	0605	SW3510	SW8080	GC2	03-12-96	0.14
4,4'-DDD	DDD44	F	LB1	0.0000				0.02	0	PR	U	ND	UG/L	18-Mar-96	1300	20-Mar-96	0605	SW3510	SW8080	GC2	03-12-96	0.11
4'-DDE	ODE44	F	LB1	0.0000				0.02	0	PR	U	ND	UG/L	18-Mar-96	1300	20-Mar-96	0605	SW3510	SW8080	GC2	03-12-96	0.04
4'-DDT	DDT44	F	LB1	0.0000				0.02	0	PR	U	ND	UG/L	18-Mar-96	1300	20-Mar-96	0605	SW3510	SW8080	GC2	03-12-96	0.12
Heptdrin	DIELDRIN	F	LB1	0.0000				0.01	0	PR	U	ND	UG/L	18-Mar-96	1300	20-Mar-96	0605	SW3510	SW8080	GC2	03-12-96	0.02
Endosulfan I	ENDOSULFANA	F	LB1	0.0000				0.01	0	PR	U	ND	UG/L	18-Mar-96	1300	20-Mar-96	0605	SW3510	SW8080	GC2	03-12-96	0.14
Endosulfan II	ENDOSULFANB	F	LB1	0.0000				0.01	0	PR	U	ND	UG/L	18-Mar-96	1300	20-Mar-96	0605	SW3510	SW8080	GC2	03-12-96	0.04
Endosulfan sulfate	ENDOSULFANS	F	LB1	0.0000				0.01	0	PR	U	ND	UG/L	18-Mar-96	1300	20-Mar-96	0605	SW3510	SW8080	GC2	03-12-96	0.86
Endrin	ENDRIN	F	LB1	0.0000				0.01	0	PR	U	ND	UG/L	18-Mar-96	1300	20-Mar-96	0605	SW3510	SW8080	GC2	03-12-96	0.06
Endrin aldehyde	ENDRINALD	F	LB1	0.0000				0.01	0	PR	U	ND	UG/L	18-Mar-96	1300	20-Mar-96	0605	SW3510	SW8080	GC2	03-12-96	0.23
Heptachlor	HEPTACHLOR	F	LB1	0.0000				0.01	0	PR	U	ND	UG/L	18-Mar-96	1300	20-Mar-96	0605	SW3510	SW8080	GC2	03-12-96	0.03
Heptachlor epoxide	HEPT-EPOX	F	LB1	0.0000				0.04	0	PR	U	ND	UG/L	18-Mar-96	1300	20-Mar-96	0605	SW3510	SW8080	GC2	03-12-96	0.83
Ethoxychlor	MTXYCL	F	LB1	0.0000				0.06	0	PR	U	ND	UG/L	18-Mar-96	1300	20-Mar-96	0605	SW3510	SW8080	GC2	03-12-96	1.76
oxyphenes	TOXAP	F	LB1	0.0000				0.1	0	PR	U	ND	UG/L	18-Mar-96	1300	20-Mar-96	0605	SW3510	SW8080	GC2	03-12-96	2.4
2,4,5,6-Tetrachloro-m-xylene (SS)	CL10BZ2	T	LB1	100.0000	60	150		93	PR	%		UG/L	18-Mar-96	1300	20-Mar-96	0605	SW3510	SW8080	GC2	03-12-96		
	XYL2458CLM	T	LB1	100.0000	60	150		104	PR	%		UG/L	18-Mar-96	1300	20-Mar-96	0605	SW3510	SW8080	GC2	03-12-96		

Chase A. Thibodaux
Quality Assurance Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID LABQC
 Lab Sample ID 96-0591-00BS1
 Lab Batch No. PSTL0020

Date Received 18-Mar-96
 Matrix/Basis W/X
 Dilution Factor 1
 Total Solids(%) N/A

431 248

Pesticides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F	BS1	500.0000	42	122	25	0.02	452	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0642	SW3510	SW8080	GC2	03-12-96	0.04	
Alpha-BHC	BHCALPHA	F	BS1	500.0000	37	134	25	0.01	441	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0642	SW3510	SW8080	GC2	03-12-96	0.03	
Beta-BHC	BHCBETA	F	BS1	500.0000	17	147	25	0.02	426	PR	*	UG/L	18-Mar-96	1300	20-Mar-96	0642	SW3510	SW8080	GC2	03-12-96	0.06	
Delta-BHC	BHCDELTA	F	BS1	500.0000	19	140	25	0.02	259	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0642	SW3510	SW8080	GC2	03-12-96	0.09	
Gamma-BHC (Lindane)	BHCGAMMA	F	BS1	500.0000	32	127	25	0.01	448	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0642	SW3510	SW8080	GC2	03-12-96	0.04	
Chlordane	CHLORDANE	F	BS1	0.0000				0.14	0	PR	U	ND	UG/L	18-Mar-96	1300	20-Mar-96	0642	SW3510	SW8080	GC2	03-12-96	0.14
4,4'-DDD	DDD44	F	BS1	500.0000	31	141	25	0.02	515	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0642	SW3510	SW8080	GC2	03-12-96	0.11	
4,4'-DDE	DDE44	F	BS1	500.0000	30	145	25	0.02	506	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0642	SW3510	SW8080	GC2	03-12-96	0.04	
4,4'-DDT	DDT44	F	BS1	500.0000	25	160	25	0.02	516	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0642	SW3510	SW8080	GC2	03-12-96	0.12	
Dieldrin	DIELDRIN	F	BS1	500.0000	36	146	25	0.01	492	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0642	SW3510	SW8080	GC2	03-12-96	0.02	
Endosulfan I	ENDOSULFANA	F	BS1	500.0000	45	153	25	0.01	507	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0642	SW3510	SW8080	GC2	03-12-96	0.14	
Endosulfan II	ENDOSULFANB	F	BS1	500.0000	1	202	25	0.01	507	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0642	SW3510	SW8080	GC2	03-12-96	0.04	
Endosulfan sulfate	ENDOSULFANS	F	BS1	500.0000	26	144	25	0.01	483	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0642	SW3510	SW8080	GC2	03-12-96	0.66	
Endrin	ENDRIN	F	BS1	500.0000	30	147	25	0.01	509	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0642	SW3510	SW8080	GC2	03-12-96	0.06	
Endrin aldehyde	ENDRINALD	F	BS1	500.0000	60	140	25	0.01	515	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0642	SW3510	SW8080	GC2	03-12-96	0.23	
Heptachlor	HEPTACHLOR	F	BS1	500.0000	34	111	25	0.01	466	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0642	SW3510	SW8080	GC2	03-12-96	0.03	
Heptachlor epoxide	HEPT-EPOX	F	BS1	500.0000	37	142	25	0.04	498	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0642	SW3510	SW8080	GC2	03-12-96	0.63	
Methoxychlor	MTXYCL	F	BS1	500.0000	60	140	25	0.05	565	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0642	SW3510	SW8080	GC2	03-12-96	1.76	
Toxaphene	TOXAP	F	BS1	0.0000				0.1	0	PR	U	ND	UG/L	18-Mar-96	1300	20-Mar-96	0642	SW3510	SW8080	GC2	03-12-96	2.4
Decachlorobiphenyl (SS)	CL10BZ2	T	BS1	100.0000	60	150			99.6	PR	%	UG/L	18-Mar-96	1300	20-Mar-96	0642	SW3510	SW8080	GC2	03-12-96		
2,4,5,8-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	BS1	100.0000	60	150			106	PR	%	UG/L	18-Mar-96	1300	20-Mar-96	0642	SW3510	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: LABQC
 Job Sample ID: 96-0591-00BD1
 Job Batch No.: PSTL0020

Date Received: 18-Mar-96
 Matrix/Basis: W/X
 Dilution Factor: 1
 Total Solids(%): N/A

431 240

Chlorides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F	BD1	500.0000	42	122	25	0.02	450	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0719	SW3510	SW8080	GC2	03-12-96	0.04	
Alpha-BHC	BHCALPHA	F	BD1	500.0000	37	134	25	0.01	436	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0719	SW3510	SW8080	GC2	03-12-96	0.03	
Beta-BHC	BHCBETA	F	BD1	500.0000	17	147	25	0.02	432	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0719	SW3510	SW8080	GC2	03-12-96	0.06	
Beta-BHC	BHCDelta	F	BD1	500.0000	19	140	25	0.02	252	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0719	SW3510	SW8080	GC2	03-12-96	0.09	
Gamma-BHC (Lindane)	BHCGAMMA	F	BD1	500.0000	32	127	25	0.01	442	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0719	SW3510	SW8080	GC2	03-12-96	0.04	
Chlordane	CHLORDANE	F	BD1	0.0000				0.14	0	PR	U	ND	UG/L	18-Mar-96	1300	20-Mar-96	0719	SW3510	SW8080	GC2	03-12-96	0.14
4,4'-DDD	DDD44	F	BD1	500.0000	31	141	25	0.02	506	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0719	SW3510	SW8080	GC2	03-12-96	0.11	
4'-DDE	DDE44	F	BD1	500.0000	30	145	25	0.02	499	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0719	SW3510	SW8080	GC2	03-12-96	0.04	
4'-DDT	DDT44	F	BD1	500.0000	25	160	25	0.02	510	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0719	SW3510	SW8080	GC2	03-12-96	0.12	
Eldrin	IELDRIN	F	BD1	500.0000	36	146	25	0.01	485	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0719	SW3510	SW8080	GC2	03-12-96	0.02	
Endosulfan I	ENDOSULFANA	F	BD1	500.0000	45	153	25	0.01	498	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0719	SW3510	SW8080	GC2	03-12-96	0.14	
Endosulfan II	ENDOSULFANB	F	BD1	500.0000	1	202	25	0.01	496	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0719	SW3510	SW8080	GC2	03-12-96	0.04	
Endosulfan sulfate	ENDOSULFANS	F	BD1	500.0000	26	144	25	0.01	476	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0719	SW3510	SW8080	GC2	03-12-96	0.66	
Endrin	ENDRIN	F	BD1	500.0000	30	147	25	0.01	502	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0719	SW3510	SW8080	GC2	03-12-96	0.06	
Endrin aldehyde	ENDRINALD	F	BD1	500.0000	60	140	25	0.01	498	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0719	SW3510	SW8080	GC2	03-12-96	0.23	
Heptachlor	HEPTACHLOR	F	BD1	500.0000	34	111	25	0.01	468	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0719	SW3510	SW8080	GC2	03-12-96	0.03	
Heptachlor epoxide	HEPT-EPOX	F	BD1	500.0000	37	142	25	0.04	495	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0719	SW3510	SW8080	GC2	03-12-96	0.83	
Methoxychlor	MTXYCL	F	BD1	500.0000	60	140	25	0.06	550	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0719	SW3510	SW8080	GC2	03-12-96	1.76	
Oxaphene	TOXAP	F	BD1	0.0000				0.1	0	PR	U	ND	UG/L	18-Mar-96	1300	20-Mar-96	0719	SW3510	SW8080	GC2	03-12-96	2.4
o-chlorobiphenyl (SS)	CL10BZ2	T	BD1	100.0000	60	150			96.4	PR	%	UG/L	18-Mar-96	1300	20-Mar-96	0719	SW3510	SW8080	GC2	03-12-96		
4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	BD1	100.0000	60	150			104	PR	%	UG/L	18-Mar-96	1300	20-Mar-96	0719	SW3510	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Quality Assurance Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID LABQC
 Lab Sample ID 96-0591-00BD2
 Lab Batch No. PSTL0020

Date Received 18-Mar-96
 Matrix/Basis W/X
 Dilution Factor 1
 Total Solids(%) N/A

431 250

Pesticides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F	BD2	500.0000	42	122	25	0.02	417	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0755	SW3510	SW8080	GC2	03-12-96	0.04	
Alpha-BHC	BHCALPHA	F	BD2	500.0000	37	134	25	0.01	404	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0755	SW3510	SW8080	GC2	03-12-96	0.03	
Beta-BHC	BHCBETA	F	BD2	500.0000	17	147	25	0.02	404	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0755	SW3510	SW8080	GC2	03-12-96	0.06	
Delta-BHC	BHCDELTA	F	BD2	500.0000	19	140	25	0.02	235	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0755	SW3510	SW8080	GC2	03-12-96	0.09	
Gamma-BHC (Lindane)	BHCGAMMA	F	BD2	500.0000	32	127	25	0.01	412	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0755	SW3510	SW8080	GC2	03-12-96	0.04	
Chlordane	CHLORDANE	F	BD2	0.0000				0.14	0	PR	U	ND	UG/L	18-Mar-96	1300	20-Mar-96	0755	SW3510	SW8080	GC2	03-12-96	0.14
4,4'-DDD	DDD44	F	BD2	500.0000	31	141	25	0.02	476	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0755	SW3510	SW8080	GC2	03-12-96	0.11	
4,4'-DDE	DDE44	F	BD2	500.0000	30	145	25	0.02	465	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0755	SW3510	SW8080	GC2	03-12-96	0.04	
4,4'-DDT	DDT44	F	BD2	500.0000	25	160	25	0.02	478	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0755	SW3510	SW8080	GC2	03-12-96	0.12	
Dielein	DIELDRIN	F	BD2	500.0000	36	146	25	0.01	452	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0755	SW3510	SW8080	GC2	03-12-96	0.02	
Endosulfan I	ENDOSULFANA	F	BD2	500.0000	45	153	25	0.01	467	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0755	SW3510	SW8080	GC2	03-12-96	0.14	
Endosulfan II	ENDOSULFANB	F	BD2	500.0000	1	202	25	0.01	465	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0755	SW3510	SW8080	GC2	03-12-96	0.04	
Endosulfan sulfate	ENDOSULFANS	F	BD2	500.0000	26	144	25	0.01	444	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0755	SW3510	SW8080	GC2	03-12-96	0.06	
Endrin	ENDRIN	F	BD2	500.0000	30	147	25	0.01	470	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0755	SW3510	SW8080	GC2	03-12-96	0.06	
Endrin aldehyde	ENDRINALD	F	BD2	500.0000	60	140	25	0.01	471	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0755	SW3510	SW8080	GC2	03-12-96	0.23	
Heptachlor	HEPTACHLOR	F	BD2	500.0000	34	111	25	0.01	436	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0755	SW3510	SW8080	GC2	03-12-96	0.03	
Heptachlor epoxide	HEPT-EPOX	F	BD2	500.0000	37	142	25	0.04	462	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0755	SW3510	SW8080	GC2	03-12-96	0.83	
Methoxychlor	MTXYCL	F	BD2	500.0000	60	140	25	0.06	520	PR	=	UG/L	18-Mar-96	1300	20-Mar-96	0755	SW3510	SW8080	GC2	03-12-96	1.76	
Toxaphene	TOXAP	F	BD2	0.0000				0.1	0	PR	U	ND	UG/L	18-Mar-96	1300	20-Mar-96	0755	SW3510	SW8080	GC2	03-12-96	2.4
Decachlorobiphenyl (SS)	CL10BZ2	T	BD2	100.0000	60	150			91.6	PR	%	UG/L	18-Mar-96	1300	20-Mar-96	0755	SW3510	SW8080	GC2	03-12-96		
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	BD2	100.0000	60	150			96.4	PR	%	UG/L	18-Mar-96	1300	20-Mar-96	0755	SW3510	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Quality Assurance Manager

Certes

Environmental Laboratories, L.C.

2209 Wisconsin Street, Suite 200
Dallas, Texas 75229
214-620-7966
800-394-2872
214-620-7963 FAX

431 251

CERTES ENVIRONMENTAL LABORATORIES ANALYTICAL REPORT

CEL #: 96-0898

Project #: 10K70200

JACOBS ENGINEERING GROUP, INC.
600 Seventeenth St., Ste 1100N
Denver, CO 80202

Attn: Lynn Schuetter

Date: August 6, 1996

Included are the results for the samples submitted to Certes. All testing was performed using approved EPA Methods, unless otherwise stated. All results have been reviewed and Quality Control criteria met. If you have any questions concerning the analytical data please contact Chase A. Thibodaux, Laboratory Manager, at 214/620-7966. Thank you for the opportunity to service your environmental testing needs.

Sincerely,
Certes Environmental Laboratories, L.C.
Per:

Chase A. Thibodaux

Chase A. Thibodaux
Laboratory Manager

431 252

CLIENT: JACOBS ENGINEERING GROUP, INC.

REPORT #: 96-0898

CASE NARRATIVE

1. Water and soil samples submitted for EPA Method 8240 were run on 5/03/96 under batches 96W29 and 92S28 respectively. An LCS for these batches was not prepped or analyzed.
2. Soil samples 96-0898-06 and -12 were submitted for EPA Method 7471 and were analyzed 5/03/96. The sample used for the MS/MSD was not a Jacobs sample (96-0908-20).

CLIENT: JACOBS ENGINEERING GROUP, INC.

431 253

REPORT #: 96-0898

Cross Reference Table I

Field Sample ID	Laboratory ID
CR-A 155801	96-0898-01
CR-A 155802	96-0898-02
CR-A 155803	96-0898-03
CR-A 155804	96-0898-04
CR-A 155805	96-0898-05
CR-A 155806	96-0898-06
CR-A 155807	96-0898-07
CR-A 155808	96-0898-08
CR-A 155809	96-0898-09
CR-A 155901	96-0898-10
CR-A 155902	96-0898-11
CR-A 155903	96-0898-12
CR-A 155904	96-0898-13

CLIENT: JACOBS ENGINEERING GROUP, INC.

REPORT #: 96-0898

431 254

Cross Reference Table II

Field Sample ID	QC Laboratory ID
CR-A 155807	96-0898-07MS1
CR-A 155807	96-0898-07SD1
CR-A 155904	96-0898-13MS1
CR-A 155904	96-0898-13SD1
CR-A 155802	96-0898-02MS1
CR-A 155802	96-0898-02SD1
CR-A 155809	96-0898-09MS1
CR-A 155809	96-0898-09SD1
CR-A 155806	96-0898-06MS1
CR-A 155806	96-0898-06SD1
CR-A 155903	96-0898-12MS1
CR-A 155903	96-0898-12SD1
CR-A 155804	96-0908-20MS1
CR-A 155804	96-0908-20SD1
CR-A 155806	96-0898-06MS1
CR-A 155806	96-0898-06SD1

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 155801
 Lab Sample ID 96-0898-01
 Lab Batch No. 96S28

Date Received 30-Apr-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 79.5

431 255

Volatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q.	Par Q.	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acetone	ACE	F		0.0000			0.01	0	PR	U	ND	MG/KG	03-May-96	1250	03-May-96	1311	SW5030	SW8240	5971	03-22-96	0.1
Benzene	BZ	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1250	03-May-96	1311	SW5030	SW8240	5971	03-22-96	0.005
Bromodichloromethane	BDCME	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1250	03-May-96	1311	SW5030	SW8240	5971	03-22-96	0.005
Bromoform	TBME	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1250	03-May-96	1311	SW5030	SW8240	5971	03-22-96	0.005
Bromomethane	BRME	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1250	03-May-96	1311	SW5030	SW8240	5971	03-22-96	0.01
2-Butanone	MEK	F		0.0000			0.005	0	PR	U	ND	MG/KG	03-May-96	1250	03-May-96	1311	SW5030	SW8240	5971	03-22-96	0.05
Carbon disulfide	CDS	F		0.0000			0.01	0	PR	U	ND	MG/KG	03-May-96	1250	03-May-96	1311	SW5030	SW8240	5971	03-22-96	0.005
Carbon tetrachloride	CTCL	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1250	03-May-96	1311	SW5030	SW8240	5971	03-22-96	0.005
Chlorobenzene	CLBZ	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1250	03-May-96	1311	SW5030	SW8240	5971	03-22-96	0.005
Chlorodibromomethane	BDCME	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1250	03-May-96	1311	SW5030	SW8240	5971	03-22-96	0.005
Chloroethane	CLEA	F		0.0000			0.002	0	PR	U	ND	MG/KG	03-May-96	1250	03-May-96	1311	SW5030	SW8240	5971	03-22-96	0.01
2-Chloroethyl vinyl ether	CEVETH	F		0.0000			0.005	0	PR	U	ND	MG/KG	03-May-96	1250	03-May-96	1311	SW5030	SW8240	5971	03-22-96	0.01
Chloroform	TCLME	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1250	03-May-96	1311	SW5030	SW8240	5971	03-22-96	0.005
Chloromethane	CLME	F		0.0000			0.002	0	PR	U	ND	MG/KG	03-May-96	1250	03-May-96	1311	SW5030	SW8240	5971	03-22-96	0.01
1,1-Dichloroethane	DCA11	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1250	03-May-96	1311	SW5030	SW8240	5971	03-22-96	0.005
1,2-Dichloroethane	DCA12	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1250	03-May-96	1311	SW5030	SW8240	5971	03-22-96	0.005
1,1-Dichloroethene	DCE11	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1250	03-May-96	1311	SW5030	SW8240	5971	03-22-96	0.005
cis-1, 2-Dichloroethene	DCE12C	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1250	03-May-96	1311	SW5030	SW8240	5971	03-22-96	0.005
trans-1, 2-Dichloroethene	DCE12T	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1250	03-May-96	1311	SW5030	SW8240	5971	03-22-96	0.005
1,2-Dichloropropane	DCPA12	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1250	03-May-96	1311	SW5030	SW8240	5971	03-22-96	0.005
cis-1, 3-Dichloropropene	DCP13C	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1250	03-May-96	1311	SW5030	SW8240	5971	03-22-96	0.005
trans-1, 3-Dichloropropene	DCP13T	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1250	03-May-96	1311	SW5030	SW8240	5971	03-22-96	0.005
Ethylbenzene	EBZ	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1250	03-May-96	1311	SW5030	SW8240	5971	03-22-96	0.005
2-Hexanone	HXO2	F		0.0000			0.006	0	PR	U	ND	MG/KG	03-May-96	1250	03-May-96	1311	SW5030	SW8240	5971	03-22-96	0.05
Methylene chloride	MTLNCL	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1250	03-May-96	1311	SW5030	SW8240	5971	03-22-96	0.005
4-Methyl-2-pentanone	MIBK	F		0.0000			0.005	0	PR	U	ND	MG/KG	03-May-96	1250	03-May-96	1311	SW5030	SW8240	5971	03-22-96	0.05
Styrene	STY	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1250	03-May-96	1311	SW5030	SW8240	5971	03-22-96	0.005
1,1,2,2-Tetrachloroethane	PCA	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1250	03-May-96	1311	SW5030	SW8240	5971	03-22-96	0.005
Tetrachloroethylene	PCE	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1250	03-May-96	1311	SW5030	SW8240	5971	03-22-96	0.005
Toluene	BZME	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1250	03-May-96	1311	SW5030	SW8240	5971	03-22-96	0.005
1,1,1-Trichloroethane	TCA111	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1250	03-May-96	1311	SW5030	SW8240	5971	03-22-96	0.005
1,1,2-Trichloroethane	TCA112	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1250	03-May-96	1311	SW5030	SW8240	5971	03-22-96	0.005
Trichloroethene	TCE	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1250	03-May-96	1311	SW5030	SW8240	5971	03-22-96	0.005
Vinyl acetate	VA	F		0.0000			0.01	0	PR	U	ND	MG/KG	03-May-96	1250	03-May-96	1311	SW5030	SW8240	5971	03-22-96	0.05
Vinyl chloride	VC	F		0.0000			0.002	0	PR	U	ND	MG/KG	03-May-96	1250	03-May-96	1311	SW5030	SW8240	5971	03-22-96	0.01
Ienes	XYLENES	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1250	03-May-96	1311	SW5030	SW8240	5971	03-22-96	0.005
bromofluoromethane (SS)	DBFM	T		100	76	114		122	PR	%	%	MG/KG	03-May-96	1250	03-May-96	1311	SW5030	SW8240	5971	03-22-96	0.005
Toluene-d8 (SS)	BZMED8	T		100	88	110		82.6	PR	%	%	MG/KG	03-May-96	1250	03-May-96	1311	SW5030	SW8240	5971	03-22-96	
Bromofluorobenzene (SS)	BR4FBZ	T		100	86	115		112	PR	%	%	MG/KG	03-May-96	1250	03-May-96	1311	SW5030	SW8240	5971	03-22-96	

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 155802
 Lab Sample ID 96-0898-02
 Lab Batch No. SVS80

Date Received 30-Apr-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 78.3

431 256

SemiVolatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acenaphthene	ACNP	F		0.0000			35	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
Acenaphthylene	ACNPY	F		0.0000			35	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
Anthracene	ANTH	F		0.0000			38	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
Benz(a)anthracene	BZAA	F		0.0000			26.1	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
Benz(a)pyrene	BZAP	F		0.0000			41.9	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
Benz(b)fluoranthene	BZBF	F		0.0000			33.3	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
Benz(g,h,i)perylene	BZGHIP	F		0.0000			54.8	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
Benz(k)fluoranthene	BZKF	F		0.0000			86.5	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
Benzoic acid	BZACID	F		0.0000			59.1	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	1650
Benzyl alcohol	BZLAL	F		0.0000			47.9	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	660
bis(2-Chloroethoxy)methane	BECEM	F		0.0000			43.6	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
bis(2-Chloroethyl)ether	BIS2CEE	F		0.0000			51.2	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
bis(2-Chloroisopropyl)ether	BIS2CIE	F		0.0000			55.8	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
bis(2-Ethylhexyl)phthalate	BIS2EHP	F		0.0000			92.4	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
4-Bromophenyl-phenyl ether	BPPE4	F		0.0000			33.3	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
Butylbenzylphthalate	BBP	F		0.0000			39.3	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
4-Chloro-3-methylphenol	C4M3PH	F		0.0000			48.8	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	660
4-Chiornaniline	CLANIL4	F		0.0000			53.8	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
2-Chlorophenol	CLPH2	F		0.0000			57.1	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
4-Chlorophenyl-phenyl ether	CPPE4	F		0.0000			35.3	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
2-Chiornaphthalene	CNPH2	F		0.0000			29	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
Chrysene	CHRYSENE	F		0.0000			32	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
Di-n-butylphthalate	DNPB	F		0.0000			55.1	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
Di-n-octylphthalate	DNOP	F		0.0000			57.1	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
Dibenzo(a,h)anthracene	DBZAHP	F		0.0000			50.2	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
Dibenzofuran	DBF	F		0.0000			37.3	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
1,2-Dichlorobenzene	DCBZ12	F		0.0000			51.5	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
1,3-Dichlorobenzene	DCBZ13	F		0.0000			52.1	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
1,4-Dichlorobenzene	DCBZ14	F		0.0000			52.8	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
3,3'-Dichlorobenzidine	DBZD33	F		0.0000			81.8	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	660
2,4-Dichlorophenol	DCP24	F		0.0000			52.8	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
Diethylphthalate	DEPH	F		0.0000			47.2	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
2,4-Dimethylphenol	DMP24	F		0.0000			43.9	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
Dimethylphthalate	DMPH	F		0.0000			36.6	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
2,6-Dinitrotoluene	DNT26	F		0.0000			36	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
2,4-Dinitrophenol	DNP24	F		0.0000			39.6	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	1650
4,6-Dinitro-2-methylphenol	DN46M	F		0.0000			50.8	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	1650
2,4-Dinitrotoluene	DNT24	F		0.0000			32.7	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
Fluoranthene	FLA	F		0.0000			40.6	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
Fluorene	FL	F		0.0000			35.3	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
Hexachlorobenzene	HCLBZ	F		0.0000			33	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
Hexachlorobutadiene	HCBU	F		0.0000			47.9	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
Hexachlorocyclopentadiene	HCCP	F		0.0000			61.4	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
Hexachloroethane	HCLEA	F		0.0000			46.2	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
Indeno(1,2,3-cd)pyrene	INP123	F		0.0000			54.5	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
Iso phorone	ISOP	F		0.0000			47.9	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
2-Methylnaphthalene	MTNPH2	F		0.0000			48.2	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
2-Methylphenol	MEPH2	F		0.0000			52.8	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
4-Methylphenol	MEPH4	F		0.0000			54.8	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
N-Nitroso-di-n-propylamine	NNSPR	F		0.0000			55.4	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
N-Nitrosodiphenylamine	NNSPH	F		0.0000			38	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
Naphthalene	NAPH	F		0.0000			39.9	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
2-Nitroaniline	NO2ANIL2	F		0.0000			38.3	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	1650
4-Nitroaniline	NO2ANIL4	F		0.0000			73.6	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	1650
3-Nitroaniline	NO2ANIL3	F		0.0000			43.9	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	1650
Nitrobenzene	NO2BZ	F		0.0000			49.5	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
2-Nitrophenol	NTPH2	F		0.0000			46.5	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	330
4-Nitrophenol	NTPH4	F		0.0000			39.9	0	PR	U	ND	MG/KG	01-May-96	0900	03-May-96	1127	SV3550	SW8270	5972	03-19-96	1650
Pentachlor																					

Laboratory ID CERTES
Project No. 10K70200
Client ID CR-A 155803
Lab Sample ID 96-0898-03
Lab Batch No. S-0459

Date Received 30-Apr-96
Matrix/Basis S/D
Dilution Factor 1
Total Solids(%) 79.2

431 257

Total Petroleum Hydrocarbons

Compound	Analyte Code	S	QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
TPH	PHC	F		0.0000	3.9	10.4	PR		=	MG/KG	01-May-96	0900	01-May-96	1300	SW3550	E418.1	IR	05-01-96	10

Chase A. Thibodaux
Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 155806
 Lab Sample ID: 96-0898-06
 Lab Batch No.: 1295

Date Received: 30-Apr-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 79.3

431 258

ICP Metals

Compound	Analyte Code	S	QC	Spike Level	Lab MDL	Results	PV CC	Lab Q	Par Units	Date Extr	Time Extr	Date Analy	Time Analy	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aluminum	AL	F		0.0000	5	455	PR		= MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	50
Antimony	SB	F		0.0000	1	0	PR	U	ND MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	40
Arsenic	AS	F		0.0000	3	0	PR	U	ND MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	60
Barium	BA	F		0.0000	0.4	5.04	PR		= MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	2
Beryllium	BE	F		0.0000	0.06	0	PR	U	ND MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	0.3
Cadmium	CD	F		0.0000	0.9	0	PR	U	ND MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	4
Calcium	CA	F		0.0000	2	3360	PR		= MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	10
Chromium	CR	F		0.0000	1	0	PR	U	ND MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	7
Cobalt	CO	F		0.0000	1	1.51	PR	J	TR MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	7
Copper	CU	F		0.0000	0.7	1.01	PR	J	TR MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	6
Iron	FE	F		0.0000	1	3520	PR		= MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	7
Lead	PB	F		0.0000	3	0	PR	U	ND MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	50
Magnesium	MG	F		0.0000	3	105	PR		= MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	30
Manganese	MN	F		0.0000	0.2	44.1	PR		= MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	2
Molybdenum	MO	F		0.0000	1	0	PR	U	ND MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	8
Nickel	NI	F		0.0000	1	1.39	PR	J	TR MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	15
Potassium	K	F		0.0000	100	23.8	PR	J	TR MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	500
Selenium	SE	F		0.0000	4	0	PR	U	ND MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	80
Silver	AG	F		0.0000	1	0	PR	U	ND MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	7
Sodium	NA	F		0.0000	5	30.9	PR		= MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	30
Thallium	TL	F		0.0000	4	0	PR	U	ND MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	40
Vanadium	V	F		0.0000	0.8	0	PR	U	ND MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	8
Zinc	ZN	F		0.0000	0.2	5.42	PR		= MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	2

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 155806
 Lab Sample ID: 96-0898-06
 Lab Batch No.: 1299

Date Received: 30-Apr-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 79.3

431 259

Metals

Compound	Analyte Code	S	QC	Spike Level	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Antimony	SB	F		0.0000	0.1	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1300	SW3050	SW7041	PE	05-07-96	0.5
Arsenic	AS	F		0.0000	0.1	0.441	PR	J	TR	MG/KG	06-May-96	0900	07-May-96	1300	SW3050	SW7060	PE	05-07-96	0.5
Cadmium	CD	F		0.0000	0.02	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1300	SW3050	SW7131	PE	05-07-96	0.1
Lead	PB	F		0.0000	0.1	0.870	PR		=	MG/KG	06-May-96	0900	07-May-96	1300	SW3050	SW7421	PE	05-07-96	0.5
Mercury	HG	F		0.0000	0.02	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1300	SW7471	SW7471	PE	05-07-96	0.1
Nickel	NI	F		0.0000	0.2	1.51	PR		=	MG/KG	06-May-96	0900	07-May-96	1300	SW3050	SW5010	TJA	05-07-96	1
Selenium	SE	F		0.0000	0.1	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1300	SW3050	SW7740	PE	05-07-96	0.5
Silver	AG	F		0.0000	0.02	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1300	SW3050	SW7761	PE	05-07-96	0.1

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 155807
 Lab Sample ID 96-0898-07
 Lab Batch No. 96S28

Date Received 30-Apr-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 91.9

431 260

Volatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acetone	ACE	F		0.0000			0.01	0	PR	U	ND	MG/KG	03-May-96	1036	03-May-96	1058	SW5030	SW8240	5971	03-22-96	0.1
Benzene	BZ	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1036	03-May-96	1058	SW5030	SW8240	5971	03-22-96	0.005
Bromodichloromethane	BDCME	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1036	03-May-96	1058	SW5030	SW8240	5971	03-22-96	0.005
Bromoform	TBME	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1036	03-May-96	1058	SW5030	SW8240	5971	03-22-96	0.005
Bromomethane	BRME	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1036	03-May-96	1058	SW5030	SW8240	5971	03-22-96	0.01
2-Butanone	MEK	F		0.0000			0.005	0	PR	U	ND	MG/KG	03-May-96	1036	03-May-96	1058	SW5030	SW8240	5971	03-22-96	0.05
Carbon disulfide	CDS	F		0.0000			0.01	0	PR	U	ND	MG/KG	03-May-96	1036	03-May-96	1058	SW5030	SW8240	5971	03-22-96	0.005
Carbon tetrachloride	CTCL	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1036	03-May-96	1058	SW5030	SW8240	5971	03-22-96	0.005
Chlorobenzene	CLBZ	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1036	03-May-96	1058	SW5030	SW8240	5971	03-22-96	0.005
Chlorodibromomethane	BDCME	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1036	03-May-96	1058	SW5030	SW8240	5971	03-22-96	0.005
Chloroethane	CLEA	F		0.0000			0.002	0	PR	U	ND	MG/KG	03-May-96	1036	03-May-96	1058	SW5030	SW8240	5971	03-22-96	0.01
2-Chloroethyl vinyl ether	CEVETH	F		0.0000			0.005	0	PR	U	ND	MG/KG	03-May-96	1036	03-May-96	1058	SW5030	SW8240	5971	03-22-96	0.01
Chloroform	TCLME	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1036	03-May-96	1058	SW5030	SW8240	5971	03-22-96	0.005
Chloromethane	CLME	F		0.0000			0.002	0	PR	U	ND	MG/KG	03-May-96	1036	03-May-96	1058	SW5030	SW8240	5971	03-22-96	0.01
1,1-Dichloroethane	DCA11	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1036	03-May-96	1058	SW5030	SW8240	5971	03-22-96	0.005
1,2-Dichloroethane	DCA12	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1036	03-May-96	1058	SW5030	SW8240	5971	03-22-96	0.005
1,1-Dichloroethene	DCE11	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1036	03-May-96	1058	SW5030	SW8240	5971	03-22-96	0.005
cis-1, 2-Dichloroethene	DCE12C	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1036	03-May-96	1058	SW5030	SW8240	5971	03-22-96	0.005
trans-1, 2-Dichloroethene	DCE12T	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1036	03-May-96	1058	SW5030	SW8240	5971	03-22-96	0.005
1,2-Dichloropropane	DCPA12	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1036	03-May-96	1058	SW5030	SW8240	5971	03-22-96	0.005
cis-1, 3-Dichloropropene	DCP13C	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1036	03-May-96	1058	SW5030	SW8240	5971	03-22-96	0.005
trans-1, 3-Dichloropropene	DCP13T	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1036	03-May-96	1058	SW5030	SW8240	5971	03-22-96	0.005
Ethylbenzene	EBZ	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1036	03-May-96	1058	SW5030	SW8240	5971	03-22-96	0.005
2-Hexanone	HXO2	F		0.0000			0.006	0	PR	U	ND	MG/KG	03-May-96	1036	03-May-96	1058	SW5030	SW8240	5971	03-22-96	0.05
Methylene chloride	MTLNCL	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1036	03-May-96	1058	SW5030	SW8240	5971	03-22-96	0.005
4-Methyl-2-pentanone	MIBK	F		0.0000			0.005	0	PR	U	ND	MG/KG	03-May-96	1036	03-May-96	1058	SW5030	SW8240	5971	03-22-96	0.05
Styrene	STY	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1036	03-May-96	1058	SW5030	SW8240	5971	03-22-96	0.005
1,1,2,2-Tetrachloroethane	PCA	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1036	03-May-96	1058	SW5030	SW8240	5971	03-22-96	0.005
Tetrachloroethane	PCE	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1036	03-May-96	1058	SW5030	SW8240	5971	03-22-96	0.005
Toluene	BZME	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1036	03-May-96	1058	SW5030	SW8240	5971	03-22-96	0.005
1,1,1-Trichloroethane	TCA111	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1036	03-May-96	1058	SW5030	SW8240	5971	03-22-96	0.005
1,1,2-Trichloroethane	TCA112	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1036	03-May-96	1058	SW5030	SW8240	5971	03-22-96	0.005
Trichloroethene	TCE	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1036	03-May-96	1058	SW5030	SW8240	5971	03-22-96	0.005
Vinyl acetate	VA	F		0.0000			0.01	0	PR	U	ND	MG/KG	03-May-96	1036	03-May-96	1058	SW5030	SW8240	5971	03-22-96	0.05
Vinyl chloride	VC	F		0.0000			0.002	0	PR	U	ND	MG/KG	03-May-96	1036	03-May-96	1058	SW5030	SW8240	5971	03-22-96	0.01
Xylenes	XYLENES	F		0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1036	03-May-96	1058	SW5030	SW8240	5971	03-22-96	0.005
Dibromofluoromethane (SS)	DBFM	T		100	76	114	102	PR	%	MG/KG	03-May-96	1036	03-May-96	1058	SW5030	SW8240	5971	03-22-96			
Toluene-d8 (SS)	BZMED8	T		100	88	110	97	PR	%	MG/KG	03-May-96	1036	03-May-96	1058	SW5030	SW8240	5971	03-22-96			
Bromofluorobenzene (SS)	BR4FBZ	T		100	86	115	89.1	PR	%	MG/KG	03-May-96	1036	03-May-96	1058	SW5030	SW8240	5971	03-22-96			

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 155808
 Lab Sample ID 96-0698-08
 Lab Batch No. SVS80

Date Received 30-Apr-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 90.6

431 261

SemiVolatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab MDL	Result	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acenaphthene	ACNP	F		0.0000			35	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
Acenaphthylene	ACNPY	F		0.0000			35	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
Anthracene	ANTH	F		0.0000			38	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
Benz(a)anthracene	BZAA	F		0.0000			26.1	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
Benz(a)pyrene	BZAP	F		0.0000			41.9	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
Benz(b)fluoranthene	BZBF	F		0.0000			33.3	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
Benz(g,h,i)perylene	BZGHIP	F		0.0000			54.8	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
Benz(k)fluoranthene	BZKF	F		0.0000			86.5	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
Benzoin acid	BZACID	F		0.0000			59.1	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	1650
Benzyl alcohol	BZLAL	F		0.0000			47.9	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	660
bis(2-Chloroethoxy)methane	BECEM	F		0.0000			43.6	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
bis(2-Chloroethyl)ether	BIS2CEE	F		0.0000			51.2	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
bis(2-Chloroisopropyl)ether	BIS2CIE	F		0.0000			55.8	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
bis(2-Ethylhexyl)phthalate	BIS2EHP	F		0.0000			92.4	82.2	PR	J	TR	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
4-Bromophenyl-phenyl ether	BPPE4	F		0.0000			33.3	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
Butylbenzylphthalate	BBP	F		0.0000			39.3	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
4-Chloro-3-methylphenol	C4M3PH	F		0.0000			48.8	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	660
4-Chloroaniline	CLANIL4	F		0.0000			53.8	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	660
2-Chlorophenol	CLPH2	F		0.0000			57.1	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
4-Chlorophenyl-phenyl ether	CPPE4	F		0.0000			35.3	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
2-Chloronaphthalene	CNP2H	F		0.0000			29	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
Chrysene	CHRYSENE	F		0.0000			32	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
Di-n-butylphthalate	DNPB	F		0.0000			55.1	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
Di-n-octylphthalate	DNOP	F		0.0000			57.1	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
Dibenzo(a,h)anthracene	DBZAHP	F		0.0000			50.2	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
Dibenzofuran	DBF	F		0.0000			37.3	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
1,2-Dichlorobenzene	DCBZ12	F		0.0000			51.5	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
1,3-Dichlorobenzene	DCBZ13	F		0.0000			52.1	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
1,4-Dichlorobenzene	DCBZ14	F		0.0000			52.8	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
3,3'-Dichlorobenzidine	DBZD33	F		0.0000			81.8	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	660
2,4-Dichlorophenol	DCP24	F		0.0000			52.8	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
Diethylphthalate	DEPH	F		0.0000			47.2	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
2,4-Dimethylphenol	DMP24	F		0.0000			43.9	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
Dimethylphthalate	DMPH	F		0.0000			36.6	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
2,5-Dinitrotoluene	DNT26	F		0.0000			36	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
2,4-Dinitrophenol	DNP24	F		0.0000			39.6	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	1650
2,4,6-Dinitro-2-methylphenol	DN46M	F		0.0000			50.8	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	1650
2,4-Dinitrotoluene	DNT24	F		0.0000			32.7	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
Fluoranthene	FLA	F		0.0000			40.6	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
Fluorene	FL	F		0.0000			35.3	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
Hexachlorobenzene	HCLBZ	F		0.0000			33	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
Hexachlorobutadiene	HCBU	F		0.0000			47.9	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
Hexachlorocyclopentadiene	HCCP	F		0.0000			61.4	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
Hexachloroethane	HCLEA	F		0.0000			46.2	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
Indeno(1,2,3-cd)pyrene	INP123	F		0.0000			54.5	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
Isophorone	ISOP	F		0.0000			47.9	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
2-Methylnaphthalene	MTNP2H	F		0.0000			48.2	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
2-Methylphenol	MEPH2	F		0.0000			52.8	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
4-Methylphenol	MEPH4	F		0.0000			54.8	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
N-Nitroso-di-n-propylamine	NNSPR	F		0.0000			55.4	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
N-Nitrosodiphenylamine	NNSPH	F		0.0000			38	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
Naphthalene	NAPH	F		0.0000			39.9	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
2-Nitroaniline	NO2ANIL2	F		0.0000			38.3	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	1650
4-Nitroaniline	NO2ANIL4	F		0.0000			73.6	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	1650
3-Nitroaniline	NO2ANIL3	F		0.0000			43.9	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	1650
Nitrobenzene	NO2BZ	F		0.0000			49.5	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
2-Nitrophenol	NTPH2	F		0.0000			46.5	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	330
4-Nitrophenol	NTPH4	F		0.0000			39.9	0	PR	U	ND	UG/KG	01-May-96	0900	03-May-96	1328	SW3550	SW8270	5972	03-19-96	1650</td

Laboratory ID CERTES
Project No. 10K70200
Client ID CR-A 155809
Lab Sample ID 96-0898-09
Lab Batch No. S-0459

Date Received 30-Apr-96
Matrix/Basis S/D
Dilution Factor 1
Total Solids(%) 87.4

431 262

Total Petroleum Hydrocarbons

Compound	Analyte Code	S	QC	Spikes Level	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
TPH	PHC	F		0.0000	3.9	4.71	PR	J	TR	MG/KG	01-May-96	0900	01-May-96	1300	SW3550	E418.1	IR	05-01-96	10

Chase A. Thibodaux
Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 155903
 Lab Sample ID: 96-0898-12
 Lab Batch No.: 1295

Date Received: 30-Apr-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 91.3

431 263

ICP Metals

Compound	Analyte Code	S	QC	Spike Level	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aluminum	AL	F		0.0000	5	617	PR	=		MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	50
Antimony	SB	F		0.0000	1	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	40
Arsenic	AS	F		0.0000	3	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	60
Barium	BA	F		0.0000	0.4	5.70	PR	=		MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	2
Beryllium	BE	F		0.0000	0.06	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	0.3
Cadmium	CD	F		0.0000	0.9	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	4
Calcium	CA	F		0.0000	2	5520	PR	=		MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	10
Chromium	CR	F		0.0000	1	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	7
Cobalt	CO	F		0.0000	1	1.10	PR	J	TR	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	7
Copper	CU	F		0.0000	0.7	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	6
Iron	FE	F		0.0000	1	3740	PR	=		MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	7
Lead	PB	F		0.0000	3	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	50
Magnesium	MG	F		0.0000	3	130	PR	=		MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	30
Manganese	MN	F		0.0000	0.2	25.4	PR	=		MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	2
Molybdenum	MO	F		0.0000	1	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	8
Nickel	NI	F		0.0000	1	1.42	PR	J	TR	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	15
Potassium	K	F		0.0000	100	116	PR	J	TR	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	500
Selenium	SE	F		0.0000	4	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	80
Silver	AG	F		0.0000	1	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	7
Sodium	NA	F		0.0000	5	25.2	PR	J	TR	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	30
Thallium	TL	F		0.0000	4	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	40
Vanadium	V	F		0.0000	0.8	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	8
Zinc	ZN	F		0.0000	0.2	4.93	PR	=		MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	2

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 155903
 Lab Sample ID: 96-0898-12
 Lab Batch No.: A1299

Date Received: 30-Apr-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 91.3

431 264

Metals

Compound	Analyte Code	S	QC	Spike Level	Lab MDL	Results	PV CC	Lab Q	Par	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Antimony	SB	F		0.0000	0.1	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1300	SW3050	SW7041	PE	05-07-96	0.5
Arsenic	AS	F		0.0000	0.1	0.197	PR	J	TR	MG/KG	06-May-96	0900	07-May-96	1300	SW3050	SW7060	PE	05-07-96	0.5
Cadmium	CD	F		0.0000	0.02	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1300	SW3050	SW7131	PE	05-07-96	0.1
Lead	PB	F		0.0000	0.1	1.31	PR	=	MG/KG	06-May-96	0900	07-May-96	1300	SW3050	SW7421	PE	05-07-96	0.5	
Mercury	HG	F		0.0000	0.02	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1300	SW7471	SW7471	PE	05-07-96	0.1
Nickel	NI	F		0.0000	0.2	1.42	PR	=	MG/KG	06-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	1	
Selenium	SE	F		0.0000	0.1	0.142	PR	J	TR	MG/KG	06-May-96	0900	07-May-96	1300	SW3050	SW7740	PE	05-07-96	0.5
Silver	AG	F		0.0000	0.02	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1300	SW3050	SW7761	PE	05-07-96	0.1

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 155904
 Lab Sample ID 96-0898-13
 Lab Batch No. 96W29

Date Received 30-Apr-96
 Matrix/Basis W/X
 Dilution Factor 1
 Total Solids(%) N/A

431 265

Volatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acetone	ACE	F		0.0000			10	0	PR	U	ND	UG/L	03-May-96	1237	03-May-96	1259	SW5030	SW8240	5971	03-22-96	100
Benzene	BZ	F		0.0000			1	0	PR	U	ND	UG/L	03-May-96	1237	03-May-96	1259	SW5030	SW8240	5971	03-22-96	5
Bromodichloromethane	BDCME	F		0.0000			2	0	PR	U	ND	UG/L	03-May-96	1237	03-May-96	1259	SW5030	SW8240	5971	03-22-96	5
Bromoform	TBME	F		0.0000			1	0	PR	U	ND	UG/L	03-May-96	1237	03-May-96	1259	SW5030	SW8240	5971	03-22-96	5
Bromomethane	BRME	F		0.0000			2	0	PR	U	ND	UG/L	03-May-96	1237	03-May-96	1259	SW5030	SW8240	5971	03-22-96	10
2-Butanone	MEK	F		0.0000			6	0	PR	U	ND	UG/L	03-May-96	1237	03-May-96	1259	SW5030	SW8240	5971	03-22-96	50
Carbon disulfide	CDS	F		0.0000			1	0	PR	U	ND	UG/L	03-May-96	1237	03-May-96	1259	SW5030	SW8240	5971	03-22-96	5
Carbon tetrachloride	CTCL	F		0.0000			1	0	PR	U	ND	UG/L	03-May-96	1237	03-May-96	1259	SW5030	SW8240	5971	03-22-96	5
Chlorobenzene	CLBZ	F		0.0000			1	0	PR	U	ND	UG/L	03-May-96	1237	03-May-96	1259	SW5030	SW8240	5971	03-22-96	5
Chlorodibromomethane	BDCME	F		0.0000			1	0	PR	U	ND	UG/L	03-May-96	1237	03-May-96	1259	SW5030	SW8240	5971	03-22-96	5
Chloroethane	CLEA	F		0.0000			2	0	PR	U	ND	UG/L	03-May-96	1237	03-May-96	1259	SW5030	SW8240	5971	03-22-96	10
2-Chloroethyl vinyl ether	CEVETH	F		0.0000			5	0	PR	U	ND	UG/L	03-May-96	1237	03-May-96	1259	SW5030	SW8240	5971	03-22-96	10
Chloroform	TCLME	F		0.0000			1	0	PR	U	ND	UG/L	03-May-96	1237	03-May-96	1259	SW5030	SW8240	5971	03-22-96	5
Chloromethane	CLME	F		0.0000			1	0	PR	U	ND	UG/L	03-May-96	1237	03-May-96	1259	SW5030	SW8240	5971	03-22-96	10
1,1-Dichloroethane	DCA11	F		0.0000			1	0	PR	U	ND	UG/L	03-May-96	1237	03-May-96	1259	SW5030	SW8240	5971	03-22-96	5
1,2-Dichloroethane	DCA12	F		0.0000			1	0	PR	U	ND	UG/L	03-May-96	1237	03-May-96	1259	SW5030	SW8240	5971	03-22-96	5
1,1-Dichloroethene	DCE11	F		0.0000			1	0	PR	U	ND	UG/L	03-May-96	1237	03-May-96	1259	SW5030	SW8240	5971	03-22-96	5
cis-1, 2-Dichloroethene	DCE12C	F		0.0000			1	0	PR	U	ND	UG/L	03-May-96	1237	03-May-96	1259	SW5030	SW8240	5971	03-22-96	5
trans-1, 2-Dichloroethene	DCE12T	F		0.0000			1	0	PR	U	ND	UG/L	03-May-96	1237	03-May-96	1259	SW5030	SW8240	5971	03-22-96	5
1,2-Dichloropropane	DCPA12	F		0.0000			1	0	PR	U	ND	UG/L	03-May-96	1237	03-May-96	1259	SW5030	SW8240	5971	03-22-96	5
cis-1, 3-Dichloropropene	DCP13C	F		0.0000			1	0	PR	U	ND	UG/L	03-May-96	1237	03-May-96	1259	SW5030	SW8240	5971	03-22-96	5
trans-1, 3-Dichloropropene	DCP13T	F		0.0000			1	0	PR	U	ND	UG/L	03-May-96	1237	03-May-96	1259	SW5030	SW8240	5971	03-22-96	5
Ethylbenzene	EBZ	F		0.0000			1	0	PR	U	ND	UG/L	03-May-96	1237	03-May-96	1259	SW5030	SW8240	5971	03-22-96	5
2-Hexanone	HXO2	F		0.0000			6	0	PR	U	ND	UG/L	03-May-96	1237	03-May-96	1259	SW5030	SW8240	5971	03-22-96	50
Methylene chloride	MTLNCL	F		0.0000			3	0	PR	U	ND	UG/L	03-May-96	1237	03-May-96	1259	SW5030	SW8240	5971	03-22-96	5
4-Methyl-2-pentanone	MIBK	F		0.0000			5	0	PR	U	ND	UG/L	03-May-96	1237	03-May-96	1259	SW5030	SW8240	5971	03-22-96	50
Styrene	STY	F		0.0000			1	0	PR	U	ND	UG/L	03-May-96	1237	03-May-96	1259	SW5030	SW8240	5971	03-22-96	5
1,1,2,2-Tetrachloroethane	PCA	F		0.0000			1	0	PR	U	ND	UG/L	03-May-96	1237	03-May-96	1259	SW5030	SW8240	5971	03-22-96	5
Tetrachloroethane	PCE	F		0.0000			1	0	PR	U	ND	UG/L	03-May-96	1237	03-May-96	1259	SW5030	SW8240	5971	03-22-96	5
Toluene	BZME	F		0.0000			1	0	PR	U	ND	UG/L	03-May-96	1237	03-May-96	1259	SW5030	SW8240	5971	03-22-96	5
1,1,1-Trichloroethane	TCA111	F		0.0000			1	0	PR	U	ND	UG/L	03-May-96	1237	03-May-96	1259	SW5030	SW8240	5971	03-22-96	5
1,1,2-Trichloroethane	TCA112	F		0.0000			2	0	PR	U	ND	UG/L	03-May-96	1237	03-May-96	1259	SW5030	SW8240	5971	03-22-96	5
Trichloroethene	TCE	F		0.0000			1	0	PR	U	ND	UG/L	03-May-96	1237	03-May-96	1259	SW5030	SW8240	5971	03-22-96	5
Vinyl acetate	VA	F		0.0000			10	0	PR	U	ND	UG/L	03-May-96	1237	03-May-96	1259	SW5030	SW8240	5971	03-22-96	50
Vinyl chloride	VC	F		0.0000			2	0	PR	U	ND	UG/L	03-May-96	1237	03-May-96	1259	SW5030	SW8240	5971	03-22-96	10
'ylenes	XYLENES	F		0.0000			1	0	PR	U	ND	UG/L	03-May-96	1237	03-May-96	1259	SW5030	SW8240	5971	03-22-96	5
bromofluoromethane (SS)	DBFM	T		100	76	114		104	PR	%	UG/L	03-May-96	1237	03-May-96	1259	SW5030	SW8240	5971	03-22-96		
Toluene-d8 (SS)	BZMED8	T		100	88	110		92.7	PR	%	UG/L	03-May-96	1237	03-May-96	1259	SW5030	SW8240	5971	03-22-96		
Bromofluorobenzene (SS)	BR4FBZ	T		100	86	115		93	PR	%	UG/L	03-May-96	1237	03-May-96	1259	SW5030	SW8240	5971	03-22-96		

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID LABQC
 Lab Sample ID 96-0898-00LB1
 Lab Batch No. 96S28

Date Received 03-May-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 100

431 266

Volatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acetone	ACE	F	LB1	0.0000			0.01	0	PR	U	ND	MG/KG	03-May-96	0805	03-May-96	0834	SW5030	SW8240	5971	03-22-96	0.1
Benzene	BZ	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	0805	03-May-96	0834	SW5030	SW8240	5971	03-22-96	0.005
Bromodichloromethane	BDCME	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	0805	03-May-96	0834	SW5030	SW8240	5971	03-22-96	0.005
Bromoform	TBME	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	0805	03-May-96	0834	SW5030	SW8240	5971	03-22-96	0.005
Bromomethane	BRME	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	0805	03-May-96	0834	SW5030	SW8240	5971	03-22-96	0.01
2-Butanone	MEK	F	LB1	0.0000			0.005	0	PR	U	ND	MG/KG	03-May-96	0805	03-May-96	0834	SW5030	SW8240	5971	03-22-96	0.05
Carbon disulfide	CDS	F	LB1	0.0000			0.01	0	PR	U	ND	MG/KG	03-May-96	0805	03-May-96	0834	SW5030	SW8240	5971	03-22-96	0.005
Carbon tetrachloride	CTCL	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	0805	03-May-96	0834	SW5030	SW8240	5971	03-22-96	0.005
Chlorobenzene	CLBZ	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	0805	03-May-96	0834	SW5030	SW8240	5971	03-22-96	0.005
Chlorodibromomethane	BDCME	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	0805	03-May-96	0834	SW5030	SW8240	5971	03-22-96	0.005
Chloroethane	CLEA	F	LB1	0.0000			0.002	0	PR	U	ND	MG/KG	03-May-96	0805	03-May-96	0834	SW5030	SW8240	5971	03-22-96	0.01
2-Chloroethyl vinyl ether	CEVETH	F	LB1	0.0000			0.005	0	PR	U	ND	MG/KG	03-May-96	0805	03-May-96	0834	SW5030	SW8240	5971	03-22-96	0.01
Chloroform	TCLME	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	0805	03-May-96	0834	SW5030	SW8240	5971	03-22-96	0.005
Chloromethane	CLME	F	LB1	0.0000			0.002	0	PR	U	ND	MG/KG	03-May-96	0805	03-May-96	0834	SW5030	SW8240	5971	03-22-96	0.01
1,1-Dichloroethane	DCA11	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	0805	03-May-96	0834	SW5030	SW8240	5971	03-22-96	0.005
1,2-Dichloroethane	DCA12	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	0805	03-May-96	0834	SW5030	SW8240	5971	03-22-96	0.005
1,1-Dichloroethene	DCE11	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	0805	03-May-96	0834	SW5030	SW8240	5971	03-22-96	0.005
cis-1, 2-Dichloroethene	DCE12C	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	0805	03-May-96	0834	SW5030	SW8240	5971	03-22-96	0.005
trans-1, 2-Dichloroethene	DCE12T	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	0805	03-May-96	0834	SW5030	SW8240	5971	03-22-96	0.005
1,2-Dichloropropane	DCPA12	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	0805	03-May-96	0834	SW5030	SW8240	5971	03-22-96	0.005
cis-1, 3-Dichloropropene	DCP13C	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	0805	03-May-96	0834	SW5030	SW8240	5971	03-22-96	0.005
trans-1, 3-Dichloropropene	DCP13T	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	0805	03-May-96	0834	SW5030	SW8240	5971	03-22-96	0.005
Ethylbenzene	EBZ	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	0805	03-May-96	0834	SW5030	SW8240	5971	03-22-96	0.05
2-Hexanone	HXO2	F	LB1	0.0000			0.006	0	PR	U	ND	MG/KG	03-May-96	0805	03-May-96	0834	SW5030	SW8240	5971	03-22-96	0.005
Methylene chloride	MTLNCL	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	0805	03-May-96	0834	SW5030	SW8240	5971	03-22-96	0.005
4-Methyl-2-pentanone	MBK	F	LB1	0.0000			0.005	0	PR	U	ND	MG/KG	03-May-96	0805	03-May-96	0834	SW5030	SW8240	5971	03-22-96	0.05
Styrene	STY	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	0805	03-May-96	0834	SW5030	SW8240	5971	03-22-96	0.005
1,1,2,2-Tetrachloroethane	PCA	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	0805	03-May-96	0834	SW5030	SW8240	5971	03-22-96	0.005
Tetrachloroethene	PCE	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	0805	03-May-96	0834	SW5030	SW8240	5971	03-22-96	0.005
Toluene	BZME	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	0805	03-May-96	0834	SW5030	SW8240	5971	03-22-96	0.005
1,1,1-Trichloroethane	TCA111	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	0805	03-May-96	0834	SW5030	SW8240	5971	03-22-96	0.005
1,1,2-Trichloroethane	TCA112	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	0805	03-May-96	0834	SW5030	SW8240	5971	03-22-96	0.005
Trichloroethene	TCE	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	0805	03-May-96	0834	SW5030	SW8240	5971	03-22-96	0.005
Vinyl acetate	VA	F	LB1	0.0000			0.01	0	PR	U	ND	MG/KG	03-May-96	0805	03-May-96	0834	SW5030	SW8240	5971	03-22-96	0.05
Vinyl chloride	VC	F	LB1	0.0000			0.002	0	PR	U	ND	MG/KG	03-May-96	0805	03-May-96	0834	SW5030	SW8240	5971	03-22-96	0.01
Xylenes	XYLEMES	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	0805	03-May-96	0834	SW5030	SW8240	5971	03-22-96	0.005
Dibromofluoromethane (SS)	DBFM	T	LB1	100	76	114	94.3	PR	%	MG/KG	03-May-96	0805	03-May-96	0834	SW5030	SW8240	5971	03-22-96			
Toluene-d8 (SS)	BZMED8	T	LB1	100	88	110	103	PR	%	MG/KG	03-May-96	0805	03-May-96	0834	SW5030	SW8240	5971	03-22-96			
Bromo fluoro benzene (SS)	BR4FBZ	T	LB1	100	86	115	90.4	PR	%	MG/KG	03-May-96	0805	03-May-96	0834	SW5030	SW8240	5971	03-22-96			

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 155807
 Lab Sample ID: 96-0898-07MS1
 Lab Batch No.: 96S28

Date Received: 30-Apr-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 91.9

431 267

Volatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Ext*	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acetone	ACE	F	MS1	0.0500	10	200	25	0.01	0.063	PR	J	TR	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.109
Benzene	BZ	F	MS1	0.0500	65	145	35	0.001	0.054	PR	=	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005
Bromodichloromethane	BDCME	F	MS1	0.0500	35	155	30	0.001	0.056	PR	=	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005
Bromoform	TBME	F	MS1	0.0500	45	169	25	0.001	0.058	PR	=	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005
Bromomethane	BRME	F	MS1	0.0500	10	242	50	0.001	0.048	PR	=	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.011
2-Butanone	MEK	F	MS1	0.0500	50	150	25	0.005	0.064	PR	=	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.054
Carbon disulfide	CDS	F	MS1	0.0500	10	200	25	0.01	0.051	PR	=	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005
Carbon tetrachloride	CTCL	F	MS1	0.0500	70	140	25	0.001	0.054	PR	=	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005
Chlorobenzene	CLBZ	F	MS1	0.0500	37	160	30	0.001	0.053	PR	=	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005
Chlorodibromomethane	BDCME	F	MS1	0.0500	53	149	30	0.001	0.057	PR	=	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005
Chloroethane	CLEA	F	MS1	0.0500	10	254	50	0.002	0.053	PR	=	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.011
2-Chloroethyl vinyl ether	CEVETH	F	MS1	0.0500	10	305	50	0.005	0.041	PR	=	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.011
Chloroform	TCLME	F	MS1	0.0500	51	138	30	0.001	0.055	PR	=	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005
Chloromethane	CLME	F	MS1	0.0500	10	273	50	0.002	0.056	PR	=	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.011
1,1-Dichloroethane	DCA11	F	MS1	0.0500	59	155	25	0.001	0.050	PR	=	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005
1,2-Dichloroethane	DCA12	F	MS1	0.0500	49	155	30	0.001	0.053	PR	=	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005
1,1-Dichloroethene	DCE11	F	MS1	0.0500	50	130	35	0.001	0.052	PR	=	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005
cis-1, 2-Dichloroethene	DCE12C	F	MS1	0.0500	70	130	20	0.001	0.054	PR	=	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005
trans-1, 2-Dichloroethene	DCE12T	F	MS1	0.0500	70	130	20	0.001	0.050	PR	=	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005
1,2-Dichloropropane	DCPA12	F	MS1	0.0500	10	210	50	0.001	0.055	PR	=	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005
cis-1, 3-Dichloropropene	DCP13C	F	MS1	0.0500	10	227	50	0.001	0.054	PR	=	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005
trans-1, 3-Dichloropropene	DCP13T	F	MS1	0.0500	17	183	35	0.001	0.055	PR	=	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005
Ethylbenzene	EBZ	F	MS1	0.0500	37	162	35	0.001	0.054	PR	=	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005
2-Hexanone	HXO2	F	MS1	0.0500	50	150	25	0.007	0.048	PR	J	TR	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.054
Methylene chloride	MTLNCL	F	MS1	0.0500	10	221	35	0.001	0.054	PR	=	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005
4-Methyl-2-pentanone	MIBK	F	MS1	0.0500	50	150	25	0.005	0.044	PR	J	TR	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.054
Styrene	STY	F	MS1	0.0500	50	150	25	0.001	0.054	PR	=	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005
1,1,2,2-Tetrachloroethane	TCA11	F	MS1	0.0500	52	162	25	0.001	0.056	PR	=	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005
1,1,2-Trichloroethane	TCA112	F	MS1	0.0500	52	150	25	0.001	0.054	PR	=	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005
Trichloroethene	TCE	F	MS1	0.0500	35	150	30	0.001	0.055	PR	=	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005
Vinyl acetate	VA	F	MS1	0.0500	50	150	25	0.01	0.048	PR	J	TR	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.054
vinyl chloride	VC	F	MS1	0.0500	10	251	30	0.002	0.052	PR	=	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.011
nes	XYLEMES	F	MS1	0.1500	50	150	25	0.001	0.162	PR	=	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005
Toluene-d8 (SS)	DBFM	T	MS1	100	76	114			101	PR	%	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96		
Bromofluorobenzene (SS)	BZMED8	T	MS1	100	88	110			96.3	PR	%	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96		
Bromofluorobenzene (SS)	BR4FBZ	T	MS1	100	86	115			100	PR	%	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96		

Chase A. Thibodaux
Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 155807
 Lab Sample ID: 96-0898-07SD1
 Lab Batch No.: 96S28

Date Received: 30-Apr-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%) 91.9

431 268

Volatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acetone	ACE	F	SD1	0.0500	10	200	25	0.01	0.065	PR	J	TR	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.1
Benzene	BZ	F	SD1	0.0500	65	145	35	0.001	0.056	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
Bromodichloromethane	BDCME	F	SD1	0.0500	35	155	30	0.001	0.058	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
Bromoform	TBME	F	SD1	0.0500	45	169	25	0.001	0.062	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
Bromomethane	BRME	F	SD1	0.0500	10	242	50	0.001	0.055	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.01	
2-Butenone	MEK	F	SD1	0.0500	50	150	25	0.005	0.071	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.05	
Carbon disulfide	CDS	F	SD1	0.0500	10	200	25	0.001	0.056	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
Carbon tetrachloride	CTCL	F	SD1	0.0500	70	140	25	0.001	0.056	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
Chlorobenzene	CLBZ	F	SD1	0.0500	37	160	30	0.001	0.057	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
Chlorodibromomethane	BDCME	F	SD1	0.0500	53	149	30	0.001	0.060	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
Chloroethane	CLEA	F	SD1	0.0500	10	254	50	0.002	0.055	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.01	
2-Chloroethyl vinyl ether	CEVETH	F	SD1	0.0500	10	305	50	0.005	0.051	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.01	
Chloroform	TCLME	F	SD1	0.0500	51	138	30	0.001	0.058	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
Chloromethane	CLME	F	SD1	0.0500	10	273	50	0.002	0.058	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.01	
1,1-Dichloroethane	DCA11	F	SD1	0.0500	59	155	25	0.001	0.057	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
1,2-Dichloroethane	DCA12	F	SD1	0.0500	49	155	30	0.001	0.056	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
1,1-Dichloroethene	DCE11	F	SD1	0.0500	50	130	35	0.001	0.057	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
cis-1, 2-Dichloroethene	DCE12C	F	SD1	0.0500	70	130	20	0.001	0.056	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
trans-1, 2-Dichloroethene	DCE12T	F	SD1	0.0500	70	130	20	0.001	0.056	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
1,2-Dichloropropane	DCPA12	F	SD1	0.0500	10	210	50	0.001	0.057	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
cis-1, 3-Dichloropropene	DCP13C	F	SD1	0.0500	10	227	50	0.001	0.058	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
trans-1, 3-Dichloropropene	DCP13T	F	SD1	0.0500	17	183	35	0.001	0.059	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
Ethylbenzene	EBZ	F	SD1	0.0500	37	162	35	0.001	0.056	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
2-Hexanone	HX02	F	SD1	0.0500	50	150	25	0.006	0.061	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
Methylene chloride	MTLNCL	F	SD1	0.0500	10	221	35	0.001	0.059	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
4-Methyl-2-pentanone	MBK	F	SD1	0.0500	50	150	25	0.005	0.052	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.05	
Styrene	STY	F	SD1	0.0500	50	150	25	0.001	0.058	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
1,1,2,2-Tetrachloroethane	PCA	F	SD1	0.0500	46	157	35	0.001	0.056	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
Tetrachloroethene	PCE	F	SD1	0.0500	64	148	25	0.001	0.056	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
Toluene	BZME	F	SD1	0.0500	47	150	25	0.001	0.056	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
1,1,1-Trichloroethane	TCA11	F	SD1	0.0500	52	162	25	0.001	0.056	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
1,1,2-Trichloroethane	TCA12	F	SD1	0.0500	52	150	25	0.001	0.057	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
Trichloroethene	TCE	F	SD1	0.0500	35	150	30	0.001	0.057	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
Vinyl acetate	VA	F	SD1	0.0500	50	150	25	0.001	0.050	PR	J	TR	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.05
Vinyl chloride	VC	F	SD1	0.0500	10	251	30	0.002	0.056	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.01	
Xylenes	XYLENES	F	SD1	0.1500	50	150	25	0.001	0.172	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
Dibromofluoromethane (SS)	DBFM	T	SD1	100	76	114			101	PR	%	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96		
Toluene-d8 (SS)	BZMED8	T	SD1	100	88	110			98.2	PR	%	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96		
Bromofluorobenzene (SS)	BR4FBZ	T	SD1	100	86	115			101	PR	%	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96		

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID LABQC
 Lab Sample ID 96-0898-DOLB1
 Lab Batch No. 96W29

Date Received 03-May-96
 Matrix/Basis W/X
 Dilution Factor 1
 Total Solids(%) N/A

431 269

Volatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level			Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acetone	ACE	F	LB1	0.0000			10	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	100
Benzene	BZ	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
Bromodichloromethane	BDCME	F	LB1	0.0000			2	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
Bromoform	TBME	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
Bromomethane	BRME	F	LB1	0.0000			2	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	10
2-Butanone	MEK	F	LB1	0.0000			6	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	50
Carbon disulfide	CDS	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
Carbon tetrachloride	CTCL	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
Chlorobenzene	CLBZ	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
Chlorodibromomethane	BDCME	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
Chloroethane	CLEA	F	LB1	0.0000			2	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	10
2-Chloroethyl vinyl ether	CEVETH	F	LB1	0.0000			5	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	10
Chloroform	TCLME	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
Chloromethane	CLME	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	10
1,1-Dichloroethane	DCA11	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
1,2-Dichloroethane	DCA12	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
1,1-Dichloroethene	DCE11	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
cis-1, 2-Dichloroethene	DCE12C	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
trans-1, 2-Dichloroethene	DCE12T	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
1,2-Dichloropropane	DCPA12	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
cis-1, 3-Dichloropropene	DCP13C	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
trans-1, 3-Dichloropropene	DCP13T	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
Ethylbenzene	EBZ	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
2-Hexanone	HXO2	F	LB1	0.0000			6	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	50
Methylene chloride	MTLNCL	F	LB1	0.0000			3	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
4-Methyl-2-pentanone	MIBK	F	LB1	0.0000			5	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	50
Styrene	STY	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
1,1,2,2-Tetrachloroethane	PCA	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
Tetrachloroethene	PCE	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
Toluene	BZME	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
1,1,1-Trichloroethane	TCA111	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
1,1,2-Trichloroethane	TCA112	F	LB1	0.0000			2	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
Trichloroethylene	TCE	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
Vinyl acetate	VA	F	LB1	0.0000			10	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	50
Vinyl chloride	VC	F	LB1	0.0000			2	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	10
ylenes	XYLENES	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
Dibromofluoromethane (SS)	DBFM	T	LB1	100	76	114		93.6	PR	%	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96		
Toluene-dB (SS)	BZMED8	T	LB1	100	88	110		103	PR	%	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96		
Bromofluorobenzene (SS)	BR4FBZ	T	LB1	100	86	115		81.7	PR	%	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96		

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 155904
 Lab Sample ID 96-0898-13MS1
 Lab Batch No. 96W29

Date Received 30-Apr-96
 Matrix/Basis W/X
 Dilution Factor 1
 Total Solids(%) N/A

431 270

Volatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Date Extr	Time Extr	Data Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acetane	ACE	F	MS1	50.0000	10	200	25	10	52.0	PR	J	TR	UG/L 03-May-96	1341	03-May-96	1996	SW5030	SW6240	5971	03-22-96	100
Benzene	BZ	F	MS1	50.0000	65	145	35	1	49.5	PR	=	UG/L 03-May-96	1341	03-May-96	1996	SW5030	SW8240	5971	03-22-96	5	
Bromodichloromethane	BDCME	F	MS1	50.0000	35	155	32	2	54.5	PR	=	UG/L 03-May-96	1341	03-May-96	1996	SW5030	SW8240	5971	03-22-96	5	
Bromoform	TBME	F	MS1	50.0000	45	169	27	1	62.5	PR	=	UG/L 03-May-96	1341	03-May-96	1996	SW5030	SW8240	5971	03-22-96	5	
Bromomethane	BRME	F	MS1	50.0000	10	242	90	2	52.8	PR	=	UG/L 03-May-96	1341	03-May-96	1996	SW5030	SW8240	5971	03-22-96	10	
2-Butanone	MEK	F	MS1	50.0000	50	150	25	6	54.9	PR	=	UG/L 03-May-96	1341	03-May-96	1996	SW5030	SW8240	5971	03-22-96	50	
Carbon disulfide	CDS	F	MS1	50.0000	10	200	25	1	53.9	PR	=	UG/L 03-May-96	1341	03-May-96	1996	SW5030	SW8240	5971	03-22-96	5	
Carbon tetrachloride	CTCL	F	MS1	50.0000	70	140	26	1	48.2	PR	=	UG/L 03-May-96	1341	03-May-96	1996	SW5030	SW8240	5971	03-22-96	5	
Chlorobenzene	CLBZ	F	MS1	50.0000	37	160	32	1	49.3	PR	=	UG/L 03-May-96	1341	03-May-96	1996	SW5030	SW8240	5971	03-22-96	5	
Chlorodibromomethane	BDCME	F	MS1	50.0000	53	149	31	1	60.2	PR	=	UG/L 03-May-96	1341	03-May-96	1996	SW5030	SW8240	5971	03-22-96	5	
Chloroethane	CLEA	F	MS1	50.0000	10	254	57	2	54.4	PR	=	UG/L 03-May-96	1341	03-May-96	1996	SW5030	SW8240	5971	03-22-96	10	
2-Chloroethyl vinyl ether	CEVETH	F	MS1	0.0000				5	0	PR	U	ND	UG/L 03-May-96	1341	03-May-96	1996	SW5030	SW8240	5971	03-22-96	10
Chloroform	TCLME	F	MS1	50.0000	51	138	31	1	54.6	PR	=	UG/L 03-May-96	1341	03-May-96	1996	SW5030	SW8240	5971	03-22-96	5	
Chloromethane	CLME	F	MS1	50.0000	10	273	99	1	57.8	PR	=	UG/L 03-May-96	1341	03-May-96	1996	SW5030	SW8240	5971	03-22-96	10	
1,1-Dichloroethane	DCA11	F	MS1	50.0000	59	155	26	1	52.6	PR	=	UG/L 03-May-96	1341	03-May-96	1996	SW5030	SW8240	5971	03-22-96	5	
1,2-Dichloroethane	DCA12	F	MS1	50.0000	49	155	30	1	54.5	PR	=	UG/L 03-May-96	1341	03-May-96	1996	SW5030	SW8240	5971	03-22-96	5	
1,1-Dichloroethene	DCE11	F	MS1	50.0000	50	130	41	1	53.5	PR	=	UG/L 03-May-96	1341	03-May-96	1996	SW5030	SW8240	5971	03-22-96	5	
cis-1, 2-Dichloroethene	DCE12C	F	MS1	50.0000	70	130	20	1	52.4	PR	=	UG/L 03-May-96	1341	03-May-96	1996	SW5030	SW8240	5971	03-22-96	5	
trans-1, 2-Dichloroethene	DCE12T	F	MS1	50.0000	70	130	20	1	50.6	PR	=	UG/L 03-May-96	1341	03-May-96	1996	SW5030	SW8240	5971	03-22-96	5	
1,2-Dichloropropane	DCPA12	F	MS1	50.0000	10	210	69	1	51.1	PR	=	UG/L 03-May-96	1341	03-May-96	1996	SW5030	SW8240	5971	03-22-96	5	
cis-1, 3-Dichloropropene	DCP13C	F	MS1	50.0000	10	227	79	1	53.0	PR	=	UG/L 03-May-96	1341	03-May-96	1996	SW5030	SW8240	5971	03-22-96	5	
trans-1, 3-Dichloropropene	DCP13T	F	MS1	50.0000	17	183	52	1	57.6	PR	=	UG/L 03-May-96	1341	03-May-96	1996	SW5030	SW8240	5971	03-22-96	5	
Ethylbenzene	EBZ	F	MS1	50.0000	37	162	38	1	48.8	PR	=	UG/L 03-May-96	1341	03-May-96	1996	SW5030	SW8240	5971	03-22-96	5	
2-Hexanone	HXO2	F	MS1	50.0000	50	150	25	6	54.8	PR	=	UG/L 03-May-96	1341	03-May-96	1996	SW5030	SW8240	5971	03-22-96	50	
Methylene chloride	MTLNCL	F	MS1	50.0000	10	221	37	3	56.4	PR	=	UG/L 03-May-96	1341	03-May-96	1996	SW5030	SW8240	5971	03-22-96	5	
4-Methyl-2-pentanone	MIBK	F	MS1	50.0000	50	150	25	5	36.9	PR	J	TR	UG/L 03-May-96	1341	03-May-96	1996	SW5030	SW8240	5971	03-22-96	50
Sterene	STY	F	MS1	50.0000	50	150	25	1	50.6	PR	=	UG/L 03-May-96	1341	03-May-96	1996	SW5030	SW8240	5971	03-22-96	5	
1,1,2,2-Tetrachloroethane	PCA	F	MS1	50.0000	46	157	37	1	52.4	PR	=	UG/L 03-May-96	1341	03-May-96	1996	SW5030	SW8240	5971	03-22-96	5	
Tetrachloroethene	PCE	F	MS1	50.0000	64	148	25	1	46.2	PR	=	UG/L 03-May-96	1341	03-May-96	1996	SW5030	SW8240	5971	03-22-96	5	
Toluene	BZME	F	MS1	50.0000	47	150	24	1	44.4	PR	=	UG/L 03-May-96	1341	03-May-96	1996	SW5030	SW8240	5971	03-22-96	5	
1,1,1-Trichloroethane	TCA111	F	MS1	50.0000	52	162	23	1	48.5	PR	=	UG/L 03-May-96	1341	03-May-96	1996	SW5030	SW8240	5971	03-22-96	5	
1,1,2-Trichloroethane	TCA112	F	MS1	50.0000	52	150	28	2	58.6	PR	=	UG/L 03-May-96	1341	03-May-96	1996	SW5030	SW8240	5971	03-22-96	5	
Trichloroethene	TCE	F	MS1	50.0000	35	150	33	1	49.2	PR	=	UG/L 03-May-96	1341	03-May-96	1996	SW5030	SW8240	5971	03-22-96	5	
Vinyl acetate	VA	F	MS1	50.0000	50	150	25	10	55.9	PR	=	UG/L 03-May-96	1341	03-May-96	1996	SW5030	SW8240	5971	03-22-96	50	
Vinyl chloride	VC	F	MS1	50.0000	10	251	100	2	52.3	PR	=	UG/L 03-May-96	1341	03-May-96	1996	SW5030	SW8240	5971	03-22-96	10	
Xylenes	XYLEMES	F	MS1	150.0000	50	150	25	1	150	PR	=	UG/L 03-May-96	1341	03-May-96	1996	SW5030	SW8240	5971	03-22-96	5	
Dibromoformmethane (SS)	DBFM	T	MS1	100	76	114			108	PR	%	UG/L 03-May-96	1341	03-May-96	1996	SW5030	SW8240	5971	03-22-96		
Toluene-d8 (SS)	BZMED8	T	MS1	100	88	110			86.5	PR	%	UG/L 03-May-96	1341	03-May-96	1996	SW5030	SW8240	5971	03-22-96		
Bromoformmethane (SS)	BR4FBZ	T	MS1	100	86	115			104	PR	%	UG/L 03-May-96	1341	03-May-96	1996	SW5030	SW8240	5971	03-22-96		

Chase A. Thibodaux
Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 155904
 Lab Sample ID: 96-0898-13SD1
 Lab Batch No.: 96W29

Date Received: 30-Apr-96
 Matrix/Basis: W/X
 Dilution Factor: 1
 Total Solids(%): N/A

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Iolatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acetone	ACE	F	SD1	50.0000	10	200	25	10	53.1	PR	J	TR	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SWB240	5971	03-22-96	100
Benzene	BZ	F	SD1	50.0000	65	145	35	1	50.4	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SWB240	5971	03-22-96	5	
Bromodichloromethane	BDCME	F	SD1	50.0000	35	155	32	2	53.1	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SWB240	5971	03-22-96	5	
Bromoform	TBME	F	SD1	50.0000	45	169	27	1	55.8	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SWB240	5971	03-22-96	5	
Bromomethane	BRME	F	SD1	50.0000	10	242	90	2	49.2	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SWB240	5971	03-22-96	10	
2-Butanone	MEK	F	SD1	50.0000	50	150	25	6	55.6	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SWB240	5971	03-22-96	50	
Carbon disulfide	CDS	F	SD1	50.0000	10	200	25	1	50.9	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SWB240	5971	03-22-96	5	
Carbon tetrachloride	CTCL	F	SD1	50.0000	70	140	26	1	48.8	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SWB240	5971	03-22-96	5	
Chlorobenzene	CLBZ	F	SD1	50.0000	37	160	32	1	50.3	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SWB240	5971	03-22-96	5	
Chlorodibromomethane	BDCME	F	SD1	50.0000	53	149	31	1	54.7	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SWB240	5971	03-22-96	5	
Chloroethane	CLEA	F	SD1	50.0000	10	254	57	2	52.8	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SWB240	5971	03-22-96	10	
2-Chloroethyl vinyl ether	CEVETH	F	SD1	0.0000				5	0	PR	U	ND	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SWB240	5971	03-22-96	10
Chloroform	TCLME	F	SD1	50.0000	51	138	31	1	55.4	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SWB240	5971	03-22-96	5	
Chloromethane	CLME	F	SD1	50.0000	10	273	99	1	55.4	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SWB240	5971	03-22-96	10	
1,1-Dichloroethane	DCA11	F	SD1	50.0000	59	155	26	1	51.8	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SWB240	5971	03-22-96	5	
1,2-Dichloroethane	DCA12	F	SD1	50.0000	49	155	30	1	55.4	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SWB240	5971	03-22-96	5	
1,1,1-Dichloroethane	DCE11	F	SD1	50.0000	50	130	41	1	51.0	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SWB240	5971	03-22-96	5	
cis-1, 2-Dichloroethene	DCE12C	F	SD1	50.0000	70	130	20	1	51.6	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SWB240	5971	03-22-96	5	
trans-1, 2-Dichloroethene	DCE12T	F	SD1	50.0000	70	130	20	1	50.4	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SWB240	5971	03-22-96	5	
1,2-Dichloropropane	DCPA12	F	SD1	50.0000	10	210	69	1	52.6	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SWB240	5971	03-22-96	5	
cis-1, 3-Dichloropropene	DCP13C	F	SD1	50.0000	10	227	79	1	52.6	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SWB240	5971	03-22-96	5	
trans-1, 3-Dichloropropene	DCP13T	F	SD1	50.0000	17	183	52	1	54.1	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SWB240	5971	03-22-96	5	
Ethylbenzene	EBZ	F	SD1	50.0000	37	162	38	1	50.9	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SWB240	5971	03-22-96	5	
2-Hexanone	HX02	F	SD1	50.0000	50	150	25	6	54.8	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SWB240	5971	03-22-96	50	
Methylene chloride	MTLNCL	F	SD1	50.0000	10	221	37	3	54.7	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SWB240	5971	03-22-96	5	
4-Methyl-2-pentanone	MIBK	F	SD1	50.0000	50	150	25	5	40.0	PR	J	TR	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SWB240	5971	03-22-96	50
Slyrene	STY	F	SD1	50.0000	50	150	25	1	48.5	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SWB240	5971	03-22-96	5	
1,1,2,2-Tetrachloroethane	PCA	F	SD1	50.0000	46	157	37	1	54.2	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SWB240	5971	03-22-96	5	
Tetrachloroethene	PCE	F	SD1	50.0000	64	148	25	1	48.7	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SWB240	5971	03-22-96	5	
Toluene	BZME	F	SD1	50.0000	47	150	24	1	48.6	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SWB240	5971	03-22-96	5	
1,1,1-Trichloroethane	TCA11	F	SD1	50.0000	52	162	23	1	47.6	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SWB240	5971	03-22-96	5	
1,1,2-Trichloroethane	TCA112	F	SD1	50.0000	52	150	28	2	54.7	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SWB240	5971	03-22-96	5	
Trichloroethene	TCE	F	SD1	50.0000	35	150	33	1	49.5	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SWB240	5971	03-22-96	5	
Vinyl acetate	VA	F	SD1	50.0000	50	150	25	10	53.1	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SWB240	5971	03-22-96	50	
Vinyl chloride	VC	F	SD1	50.0000	10	251	100	2	51.8	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SWB240	5971	03-22-96	10	
Xylenes	XYLENES	F	SD1	150.0000	50	150	25	1	151	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SWB240	5971	03-22-96	5	
1,1,1,2-Tetrafluoromethane (SS)	DBFM	T	SD1	100	76	114			106	PR	%	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SWB240	5971	03-22-96		
Toluene-d8 (SS)	BZMED8	T	SD1	100	88	110			94.9	PR	%	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SWB240	5971	03-22-96		
Bromofluorobenzene (SS)	BRAFBZ	T	SD1	100	86	115			102	PR	%	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SWB240	5971	03-22-96		

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID LABQC
 Lab Sample ID 96-0898-00LB1
 Lab Batch No. SVS80

Date Received 02-May-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 100

431 272

SemiVolatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acenaphthene	ACNP	F	LB1	0.0000			35	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
Acenaphthylene	ACNPY	F	LB1	0.0000			35	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
Anthracene	ANTH	F	LB1	0.0000			38	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
Benzo(a)anthracene	BZAA	F	LB1	0.0000			26.1	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
Benzo(a)pyrene	BZAP	F	LB1	0.0000			41.9	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
Benzo(b)fluoranthene	BZBF	F	LB1	0.0000			33.3	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
Benzo(g,h,i)perylene	BZGHIP	F	LB1	0.0000			54.8	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
Benzo(k)fluoranthene	BZKF	F	LB1	0.0000			86.5	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
Benzoic acid	BZACID	F	LB1	0.0000			59.1	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	1650
Benzyl alcohol	BZLAL	F	LB1	0.0000			47.9	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	660
bis(2-Chloroethoxy)methane	BECEM	F	LB1	0.0000			43.6	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
bis(2-Chloroethyl)ether	BIS2CEE	F	LB1	0.0000			51.2	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
bis(2-Chloroisopropyl)ether	BIS2CIE	F	LB1	0.0000			55.8	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
bis(2-Ethylhexyl)phthalate	BIS2EHP	F	LB1	0.0000			92.4	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
4-Bromophenyl-phenyl ether	BPPE4	F	LB1	0.0000			33.3	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
Butylbenzylphthalate	BBP	F	LB1	0.0000			39.3	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
4-Chloro-3-methylphenol	C4M3PH	F	LB1	0.0000			48.8	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	660
4-Chloroaniline	CLANIL4	F	LB1	0.0000			53.8	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
2-Chlorophenol	CLPH2	F	LB1	0.0000			57.1	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
4-Chlorophenyl-phenyl ether	CPPE4	F	LB1	0.0000			35.3	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
2-Chloronaphthalene	CNPH2	F	LB1	0.0000			29	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
Chrysene	CHRYSENE	F	LB1	0.0000			32	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
Di-n-butylphthalate	DNPB	F	LB1	0.0000			55.1	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
Di-n-octylphthalate	DNOP	F	LB1	0.0000			57.1	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
Dibenzo(a,h)anthracene	DBZAH	F	LB1	0.0000			50.2	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
Dibenzofuran	DBF	F	LB1	0.0000			37.3	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
1,2-Dichlorobenzene	DCBZ12	F	LB1	0.0000			51.5	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
1,3-Dichlorobenzene	DCBZ13	F	LB1	0.0000			52.1	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
1,4-Dichlorobenzene	DCBZ14	F	LB1	0.0000			52.8	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
3,3'-Dichlorobenzidine	DBZD33	F	LB1	0.0000			81.8	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	660
2,4-Dichlorophenol	DCP24	F	LB1	0.0000			52.8	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
Diethylphthalate	DEPH	F	LB1	0.0000			47.2	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
2,4-Dimethylphenol	DMP24	F	LB1	0.0000			43.9	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
Dimethylphthalate	DMPH	F	LB1	0.0000			36.6	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
2,6-Dinitrotoluene	DNT26	F	LB1	0.0000			36	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
2,4-Dinitrophenol	DNP24	F	LB1	0.0000			39.6	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	1650
4,6-Dinitro-2-methylphenol	DN46M	F	LB1	0.0000			50.8	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	1650
2,4-Dinitrotoluene	DNT24	F	LB1	0.0000			32.7	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
Fluoranthene	FLA	F	LB1	0.0000			40.6	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
Fluorene	FL	F	LB1	0.0000			35.3	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
Hexachlorobenzene	HCLBZ	F	LB1	0.0000			33	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
Hexachlorobutadiene	HCBU	F	LB1	0.0000			47.9	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
Hexachlorocyclopentadiene	HCCP	F	LB1	0.0000			61.4	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
Hexachloroethane	HCLEA	F	LB1	0.0000			46.2	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
Indeno(1,2,3-d)pyrene	INP123	F	LB1	0.0000			54.5	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
Isophorone	ISOP	F	LB1	0.0000			47.9	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
2-Methylnaphthalene	MTPNH2	F	LB1	0.0000			48.2	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
2-Methylphenol	MEPH2	F	LB1	0.0000			52.8	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
4-Methylphenol	MEPH4	F	LB1	0.0000			54.8	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
N-Nitroso-di-n-propylamine	NNSPR	F	LB1	0.0000			55.4	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
N-Nitrosodiphenylamine	NNSPH	F	LB1	0.0000			38	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
Naphthalene	NAPH	F	LB1	0.0000			39.9	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
2-Nitroaniline	NO2ANIL2	F	LB1	0.0000			38.3	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	1650
4-Nitroaniline	NO2ANIL4	F	LB1	0.0000			73.6	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	1650
3-Nitroaniline	NO2ANIL3	F	LB1	0.0000			43.9	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	1650
Nitrobenzene	NO2BZ	F	LB1	0.0000			49.5	0	PR	U	ND	UG/KG	02-May-96	1408	03-May-96	1114	SW3550	SW8270	5972	03-19-96	330
2-Nitrophenol	NTPH2	F	LB1	0.0000			46.5	0	PR												

Laboratory ID CERTES
 Project No. 10K70200
 Client ID LABOC
 Lab Sample ID 96-0898-00BS1
 Lab Batch No. SVS80

Date Received 03-May-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 100

431 273

semiVolatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acenaphthene	ACNP	F	BS1	6600.0000	47	145	28	35	5590	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	330	
Acenaphthylene	ACNPY	F	BS1	6600.0000	33	145	40	35	6130	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	330	
Anthracene	ANTH	F	BS1	6600.0000	27	133	32	38	4630	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	330	
Benz(a)anthracene	BZAA	F	BS1	6600.0000	33	143	28	26.1	5420	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	330	
Benzo(a)pyrene	BZAP	F	BS1	6600.0000	17	163	39	41.9	5740	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	330	
Benzo(b)fluoranthene	BZBF	F	BS1	6600.0000	24	159	39	33.3	6570	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	330	
Benzo(g,h,i)perylene	BZGHIP	F	BS1	6600.0000	10	219	59	54.8	5300	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	330	
Benzo(k)fluoranthene	BZKF	F	BS1	6600.0000	11	162	32	86.5	4500	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	330	
Benzoic acid	BZACID	F	BS1	6600.0000	10	200	50	59.1	6150	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	660	
Benzyl alcohol	BZLAL	F	BS1	6600.0000	10	200	50	47.9	5830	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	660	
bis(2-Chloroethoxy)methane	BECEM	F	BS1	6600.0000	33	184	35	43.6	4340	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	330	
bis(2-Choroethyl)ether	BIS2CEE	F	BS1	6600.0000	12	158	55	51.2	4760	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	330	
bis(2-Chloroisopropyl)ether	BIS2CIE	F	BS1	6600.0000	36	166	46	55.8	4550	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	330	
bis(2-Ethylhexyl)phthalate	BIS2EHP	F	BS1	6600.0000	8	158	41	92.4	4740	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	330	
4-Bromophenyl-phenyl ether	BPPE4	F	BS1	6600.0000	53	127	23	33.3	4640	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	330	
3-Butylbenzylphthalate	BPP	F	BS1	6600.0000	10	152	23	39.3	4880	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	330	
4-Chloro-3-methylphenol	C4M3PH	F	BS1	6600.0000	22	147	37	48.8	5190	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	660	
4-Chloroaniline	CLANIL4	F	BS1	6600.0000	10	200	50	53.8	5800	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	660	
2-Chlorophenol	CLPH2	F	BS1	6600.0000	23	134	29	57.1	6520	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	330	
1-Chlorophenyl-phenyl ether	CPPE4	F	BS1	6600.0000	25	158	33	35.3	6500	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	330	
2-Chloronaphthalene	CNP2H	F	BS1	6600.0000	60	118	13	29	5180	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	330	
Chrysene	CHRYSENE	F	BS1	6600.0000	17	168	48	32	5660	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	330	
Di-n-butylphthalate	DNPB	F	BS1	6600.0000	10	118	17	55.1	4700	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	330	
Di-n-octylphthalate	DNOP	F	BS1	6600.0000	4	146	31	57.1	5170	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	330	
Dibenz(a,h)anthracene	DBZAHP	F	BS1	6600.0000	10	227	70	50.2	5420	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	330	
Dibenzofuran	DBF	F	BS1	6600.0000	10	200	50	37.3	5500	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	330	
1,2-Dichlorobenzene	DCBZ12	F	BS1	6600.0000	32	129	31	51.5	5820	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	330	
1,3-Dichlorobenzene	DCBZ13	F	BS1	6600.0000	10	172	42	52.1	5820	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	330	
1,4-Dichlorobenzene	DCBZ14	F	BS1	6600.0000	20	124	32	52.8	5770	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	330	
3,3'-Dichlorobenzidine	DBZD33	F	BS1	6600.0000	10	262	71	81.8	5630	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	660	
2,4-Dichlorophenol	DCP24	F	BS1	6600.0000	39	135	26	52.8	5090	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	330	
Diethylphthalate	DEPH	F	BS1	6600.0000	10	114	27	47.2	6160	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	330	
2,4-Dimethylphenol	DMP24	F	BS1	6600.0000	32	119	26	43.9	4670	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	330	
Dimethylphthalate	DMPH	F	BS1	6600.0000	10	112	23	36.6	5210	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	330	
2,4-Dinitrotoluene	DNT26	F	BS1	6600.0000	50	158	30	36	5440	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	330	
Nitrophenol	DNP4	F	BS1	6600.0000	10	191	50	39.6	5370	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	1650	
Nitro-2-methylphenol	DN46M	F	BS1	6600.0000	10	181	93	50.8	4000	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	1650	
2,4-Dinitrotoluene	DNT24	F	BS1	6600.0000	39	139	22	32.7	5520	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	330	
Fluoranthene	FLA	F	BS1	6600.0000	26	137	33	40.6	5060	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	330	
Fluorene	FL	F	BS1	6600.0000	59	121	21	35.3	5120	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	330	
texachlorobenzene	HCLBZ	F	BS1	6600.0000	10	152	25	33	4630	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	330	
texachlorobutadiene	HCBU	F	BS1	6600.0000	24	116	26	47.9	7280	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	330	
Hexachlorocyclopentadiene	HCCP	F	BS1	6600.0000	10	200	50	61.4	9140	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	330	
Hexachloroethane	HCLEA	F	BS1	6600.0000	40	113	25	46.2	6480	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	330	
Indeno(1,2,3-cd)pyrene	INP123	F	BS1	6600.0000	10	171	45	54.5	5400	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	330	
sophorone	ISOP	F	BS1	6600.0000	21	196	63	47.9	5720	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	330	
2-Methylnaphthalene	MTPNPH2	F	BS1	6600.0000	10	200	50	48.2	5430	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	330	
2-Methylphenol	MEPH2	F	BS1	6600.0000	10	145	25	52.8	5590	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	330	
4-Methylphenol	MEPH4	F	BS1	6600.0000	25	135	40	54.8	5030	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	330	
4-Nitroso-di-n-propylamine	NNSPR	F	BS1	6600.0000	10	230	55	55.4	5920	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	330	
4-Nitrosodiphenylamine	NNSPH	F	BS1	6600.0000	10	200	50	38	4280	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	330	
1-Phthalene	NAPH	F	BS1	6600.0000	21	133	30	39.9	5940	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	330	
2-Nitroaniline	NO2ANIL2	F	BS1	6600.0000	10	200	50	38.3	5940	PR	=	UG/KG	03-May-96	1046	03-May-96	1403	SW3550	SW8270	5972	03-19-96	1650	
4-Nitroaniline	NO2ANIL4	F	BS1	6600.0000	10	200																

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 155802
 Lab Sample ID 96-0898-02MS1
 Lab Batch No. SVS80

Date Received 30-Apr-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 78.3

431 274

SemiVolatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PLN:
Acenaphthene	ACNP	F	MS1	6600.0000	47	145	28	35	5130	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	330	
Acenaphthylene	ACNPY	F	MS1	6600.0000	33	145	40	35	6060	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	330	
Anthracene	ANTH	F	MS1	6600.0000	27	133	32	38	4260	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	330	
Benz(a)anthracene	BZAA	F	MS1	6600.0000	33	143	28	26.1	5420	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	330	
Benz(e)pyrene	BZAP	F	MS1	6600.0000	17	163	39	41.9	5350	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	330	
Benz(b)fluoranthene	BZBF	F	MS1	6600.0000	24	159	39	33.3	5380	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	330	
Benz(p,h,i)perylene	BZGHP	F	MS1	6600.0000	10	219	59	54.8	4880	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	330	
Benz(k)fluoranthene	BZKF	F	MS1	6600.0000	11	162	32	66.5	4380	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	330	
Benzoic acid	BZACID	F	MS1	6600.0000	10	200	50	59.1	1150	PR	J	TR	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	1650
Benzyl alcohol	BZLAL	F	MS1	6600.0000	10	200	50	47.9	5440	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	660	
bis(2-Chloroethyl)methane	BECEM	F	MS1	6600.0000	33	184	35	43.6	4140	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	330	
bis(2-Chloroethyl)ether	BIS2CEE	F	MS1	6600.0000	12	158	55	51.2	4810	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	330	
bis(2-Chloroisopropyl)ether	BIS2CIE	F	MS1	6600.0000	36	166	46	55.8	4650	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	330	
bis(2-Ethylhexyl)phthalate	BIS2EHP	F	MS1	6600.0000	8	158	41	92.4	4730	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	330	
4-Bromophenyl-phenyl ether	BPPE4	F	MS1	6600.0000	53	127	23	33.3	4450	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	330	
Butylbenzylphthalate	BBP	F	MS1	6600.0000	10	152	23	39.3	4800	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	330	
4-Chloro-3-methylphenol	C4M3PH	F	MS1	6600.0000	22	147	37	48.8	4970	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	660	
4-Chloroaniline	CLANIL4	F	MS1	6600.0000	10	200	50	53.8	6330	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	660	
2-Chlorophenol	CLPH2	F	MS1	6600.0000	23	134	29	57.1	6070	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	330	
4-Chlorophenyl-phenyl ether	CPPE4	F	MS1	6600.0000	25	158	33	35.3	6500	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	330	
2-Chloronaphthalene	CNPB2	F	MS1	6600.0000	60	118	13	29	5150	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	330	
Chrysene	CHRYSENE	F	MS1	6600.0000	17	168	48	32	5370	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	330	
Di-n-butylphthalate	DNPB	F	MS1	6600.0000	10	118	17	55.1	4400	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	330	
Di-n-octylphthalate	DNOP	F	MS1	6600.0000	4	146	31	57.1	5110	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	330	
Dibenzo(a,h)anthracene	DBZAH	F	MS1	6600.0000	10	227	70	50.2	4980	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	330	
Dibenzofuran	DBF	F	MS1	6600.0000	10	200	50	37.3	5330	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	330	
1,2-Dichlorobenzene	DCBZ12	F	MS1	6600.0000	32	129	31	51.5	5530	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	330	
1,3-Dichlorobenzene	DCBZ13	F	MS1	6600.0000	10	172	42	52.1	5580	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	330	
1,4-Dichlorobenzene	DCBZ14	F	MS1	6600.0000	20	124	32	52.8	5120	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	330	
3,3'-Dichlorobenzidine	DBZD33	F	MS1	6600.0000	10	262	71	81.8	5540	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	660	
2,4-Dichlorophenol	DCP24	F	MS1	6600.0000	39	135	26	52.8	5010	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	330	
Diethylphthalate	DEPH	F	MS1	6600.0000	10	114	27	47.2	6130	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	330	
2,4-Dimethylphenol	DMP24	F	MS1	6600.0000	32	119	26	43.9	4780	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	330	
Dimethylphthalate	DMPH	F	MS1	6600.0000	10	112	23	36.6	5050	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	330	
2,6-Dinitrotoluene	DNT26	F	MS1	6600.0000	50	158	30	36	5120	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	330	
2,4-Dinitrophenol	DNP24	F	MS1	6600.0000	10	191	50	39.6	3580	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	1F	
4,6-Dinitro-2-methylphenol	DN46M	F	MS1	6600.0000	10	181	93	50.8	3780	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	1	
2,4-Dinitrotoluene	DNT24	F	MS1	6600.0000	39	139	22	32.7	5120	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	330	
Fluoranthene	FLA	F	MS1	6600.0000	26	137	33	40.6	4540	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	330	
Fluorene	FL	F	MS1	6600.0000	59	121	21	35.3	5140	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	330	
Hexachlorobenzene	HCLBZ	F	MS1	6600.0000	10	152	25	33	4470	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	330	
Hexachlorobutadiene	HCBU	F	MS1	6600.0000	24	116	26	47.9	6570	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	330	
Hexachlorocyclopentadiene	HCCP	F	MS1	6600.0000	10	200	50	61.4	7470	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	330	
Hexachloroethane	HCLEA	F	MS1	6600.0000	40	113	25	46.2	6220	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	330	
Indeno[1,2,3-cd]pyrene	INP123	F	MS1	6600.0000	10	171	45	54.5	4940	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	330	
Isophorone	ISOP	F	MS1	6600.0000	21	196	63	47.9	5530	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	330	
2-Methylnaphthalene	MTPNH2	F	MS1	6600.0000	10	200	50	48.2	5660	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	330	
2-Methylphenol	MEPH2	F	MS1	6600.0000	10	145	25	52.8	5450	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	330	
4-Methylphenol	MEPH4	F	MS1	6600.0000	25	135	40	54.8	5110	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	330	
N-Nitroso-di-n-propylamine	NNSPR	F	MS1	6600.0000	10	230	55	55.4	5520	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	330	
N-Nitrosodiphenylamine	NNSPH	F	MS1	6600.0000	10	200	50	38	4320	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	330	
Naphthalene	NAPH	F	MS1	6600.0000	21	133	30	39.9	5880	PR	=	UG/KG	03-May-96	1207	03-May-96	1521	SW3550	SW8270	5972	03-19-96	330	
2-Nitroaniline	NO2ANIL2	F	MS1	6600.0000	10	200	50	38.3	6010	PR	=	UG/KG	03-May-96</									

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 155802
 Lab Sample ID 96-0898-02SD1
 Lab Batch No. SVS80

Date Received 30-Apr-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 78.3

431 275

Non-Volatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab MDL	Results	PV CC	Lab Q	Par	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acenaphthene	ACNP	F	SD1	6600.0000	47	145	28	35	5080	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	330	
Acenaphthylene	ACNPY	F	SD1	6600.0000	33	145	40	35	5950	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	330	
Anthracene	ANTH	F	SD1	6600.0000	27	133	32	38	4230	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	330	
Benz(a)anthracene	BZAA	F	SD1	6600.0000	33	143	28	26.1	5400	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	330	
Benz(a)pyrene	BZAP	F	SD1	6600.0000	17	163	39	41.9	5320	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	330	
Benz(b)fluoranthene	BZBF	F	SD1	6600.0000	24	159	39	33.3	5640	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	330	
Benz(g,h,i)perylene	BZHIP	F	SD1	6600.0000	10	219	59	54.8	4670	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	330	
Benz(k)fluoranthene	BZKF	F	SD1	6600.0000	11	162	32	86.5	4050	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	330	
Benzoic acid	BZACID	F	SD1	6600.0000	10	200	50	59.1	1140	PR	J	TR	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	1650
Benzyl alcohol	BZLAL	F	SD1	6600.0000	10	200	50	47.9	5440	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	660	
bis(2-Chloroethoxy)methane	BECEM	F	SD1	6600.0000	33	184	35	43.6	4120	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	330	
bis(2-Chloroethyl)ether	BIS2CEE	F	SD1	6600.0000	12	158	55	51.2	4630	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	330	
bis(2-Chloroisopropyl)ether	BIS2CIE	F	SD1	6600.0000	36	166	46	55.8	4570	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	330	
bis(2-Ethylhexyl)phthalate	BIS2EHP	F	SD1	6600.0000	8	158	41	92.4	4780	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	330	
4-Bromophenyl-phenyl ether	BPPE4	F	SD1	6600.0000	53	127	23	33.3	4510	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	330	
Butylbenzylphthalate	BBP	F	SD1	6600.0000	10	152	23	39.3	4670	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	330	
4-Chloro-3-methylphenol	C4M3PH	F	SD1	6600.0000	22	147	37	48.8	4980	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	660	
4-Chloroaniline	CLANL4	F	SD1	6600.0000	10	200	50	53.8	6600	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	660	
2-Chlorophenol	CLPH2	F	SD1	6600.0000	23	134	29	57.1	6040	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	330	
4-Chlorophenyl-phenyl ether	CPPE4	F	SD1	6600.0000	25	158	33	35.3	6390	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	330	
2-Chloronaphthalene	CNPH2	F	SD1	6600.0000	60	118	13	29	5040	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	330	
Chrysene	CHRYSENE	F	SD1	6600.0000	17	168	48	32	5290	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	330	
Di-n-butylphthalate	DNPB	F	SD1	6600.0000	10	118	17	55.1	4320	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	330	
Di-n-octylphthalate	DNOP	F	SD1	6600.0000	4	146	31	57.1	5310	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	330	
Dibenzo(a,h)anthracene	DBZAH	F	SD1	6600.0000	10	227	70	50.2	4840	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	330	
Dibenzofuran	DBF	F	SD1	6600.0000	10	200	50	37.3	5270	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	330	
1,2-Dichlorobenzene	DCBZ12	F	SD1	6600.0000	32	129	31	51.5	5420	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	330	
1,3-Dichlorobenzene	DCBZ13	F	SD1	6600.0000	10	172	42	52.1	5460	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	330	
1,4-Dichlorobenzene	DCBZ14	F	SD1	6600.0000	20	124	32	52.8	5080	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	330	
3,3'-Dichlorobenzidine	DBZD33	F	SD1	6600.0000	10	262	71	81.8	5430	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	660	
2,4-Dichlorophenol	DCP24	F	SD1	6600.0000	39	135	26	52.8	4970	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	330	
Diethylphthalate	DEPH	F	SD1	6600.0000	10	114	27	47.2	6020	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	330	
2,4-Dimethylphenol	DMP24	F	SD1	6600.0000	32	119	26	43.9	4490	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	330	
Dimethylphthalate	DMPH	F	SD1	6600.0000	10	112	23	36.6	4970	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	330	
2,2-Dinrotoluene	DNT26	F	SD1	6600.0000	50	158	30	36	5080	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	330	
nitrophenol	DNP24	F	SD1	6600.0000	10	191	50	39.6	3710	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	1650	
nitro-2-methylphenol	DN46M	F	SD1	6600.0000	10	181	93	50.8	3750	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	1650	
2,4-Dinitrotoluene	DNT24	F	SD1	6600.0000	39	139	22	32.7	5270	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	330	
Fluoranthene	FLA	F	SD1	6600.0000	26	137	33	40.6	4550	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	330	
Fluorene	FL	F	SD1	6600.0000	59	121	21	35.3	5010	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	330	
Hexachlorobenzene	HCLBZ	F	SD1	6600.0000	10	152	25	33	4520	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	330	
Hexachlorobutadiene	HCBU	F	SD1	6600.0000	24	116	26	47.9	6370	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	330	
Hexachlorocyclopentadiene	HCCP	F	SD1	6600.0000	10	200	50	61.4	7150	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	330	
Hexachloroethane	HCLEA	F	SD1	6600.0000	40	113	25	46.2	6060	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	330	
Indeno(1,2,3-cd)pyrene	INP123	F	SD1	6600.0000	10	171	45	54.5	4770	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	330	
Isophorone	ISOP	F	SD1	6600.0000	21	196	63	47.9	5550	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	330	
2-Methylnaphthalene	MTPNH2	F	SD1	6600.0000	10	200	50	48.2	5240	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	330	
2-Methylphenol	MEPH2	F	SD1	6600.0000	10	145	25	52.8	5410	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	330	
4-Methylphenol	MEPH4	F	SD1	6600.0000	25	135	40	54.8	5050	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	330	
N-Nitroso-di-n-propylamine	NNSPR	F	SD1	6600.0000	10	230	55	55.4	5470	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	330	
N-Nitrosodiphenylamine	NNSPH	F	SD1	6600.0000	10	200	50	38	4260	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	330	
Naphthalene	NAPH	F	SD1	6600.0000	21	133	30	39.9	5790	PR	=	UG/KG	03-May-96	1247	03-May-96	1522	SW3550	SWB270	5972	03-19-96	330	
2-Nitroaniline	NO2ANIL2	F	SD1	6600.0000	10	200	50	38.3	5520	PR	=	UG/KG	03-May-96	1247								

Laboratory ID CERTES
Project No. 10K70200
Client ID LABQC
Lab Sample ID 96-0898-00LB1
Lab Batch No. S-0459

Date Received 01-May-96
Matrix/Basis S/D
Dilution Factor 1
Total Solids(%) 100

431 270

Total Petroleum Hydrocarbons

Compound	Analyte Code	S	QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
TPH	PHC	F	LB1	0.0000	3.9	0	PR	U	ND	MG/KG	01-May-96	0900	01-May-96	1300	SW3550	E418.1	IR	05-01-96	10

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
Project No. 10K70200
Client ID LABQC
Lab Sample ID 95-0898-008S1
Lab Batch No. S-0459

Date Received 01-May-96
Matrix/Basis S/D
Dilution Factor 1
Total Solids(%) 100

431 277

Total Petroleum Hydrocarbons

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC Q	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
TPH	PHC	F	BS1	330.00000	80	120	10	3.9	309	PR	=		MG/KG	01-May-96	0900	01-May-96	1300	SW3550	E418.1	IR	05-01-96	10

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
Project No. 10K70200
Client ID CR-A 155809
Lab Sample ID 96-0698-09MS1
Lab Batch No. S-0459

Date Received 30-Apr-96
Matrix/Basis S/D
Dilution Factor 1
Total Solids(%) 89.4

431 278

Total Petroleum Hydrocarbons

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
TPH	PHC	F	MS1	330.0000	80	120	10	13.9	374	PR	-	=	MG/KG	01-May-96	0900	01-May-96	1300	SW3550	E418.1	IR	05-01-96	10

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
Project No. 10K70200
Client ID CR-A 155809
Lab Sample ID 96-0898-09SD1
Lab Batch No. S-0459

Date Received 30-Apr-96
Matrix/Basis S/D
Dilution Factor 1
Total Solids(%) 89.4

431 279

Total Petroleum Hydrocarbons

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Per Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
TPH	PHC	F	SD1	330.0000	80	120	10	3.9	380	PR	*		MG/KG	01-May-96	0900	01-May-96	1300	SW3550	E418.1	IR	05-01-96	10

Chase A. Thibodaux
Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: LABQC
 Lab Sample ID: 96-0898-00LB1
 Lab Batch No.: 1295

Date Received: 03-May-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 100

431 280

ICP Metals

Compound	Analyte Code	S	QC	Spike Level	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aluminum	AL	F	LB1	0.0000	5	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	50
Antimony	SB	F	LB1	0.0000	1	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	40
Arsenic	AS	F	LB1	0.0000	3	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	60
Barium	BA	F	LB1	0.0000	0.4	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	2
Beryllium	BE	F	LB1	0.0000	0.06	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	0.3
Cadmium	CD	F	LB1	0.0000	0.9	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	4
Calcium	CA	F	LB1	0.0000	2	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	10
Chromium	CR	F	LB1	0.0000	1	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	7
Cobalt	CO	F	LB1	0.0000	1	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	7
Copper	CU	F	LB1	0.0000	0.7	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	6
Iron	FE	F	LB1	0.0000	1	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	7
Lead	PB	F	LB1	0.0000	3	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	50
Magnesium	MG	F	LB1	0.0000	3	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	30
Manganese	MN	F	LB1	0.0000	0.2	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	2
Molybdenum	MO	F	LB1	0.0000	1	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	8
Nickel	NI	F	LB1	0.0000	1	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	15
Potassium	K	F	LB1	0.0000	100	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	500
Selenium	SE	F	LB1	0.0000	4	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	80
Silver	AG	F	LB1	0.0000	1	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	7
Sodium	NA	F	LB1	0.0000	5	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	30
Thallium	TL	F	LB1	0.0000	4	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	40
Vanadium	V	F	LB1	0.0000	0.8	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	8
Zinc	ZN	F	LB1	0.0000	0.2	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	2

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: LABQC
 Lab Sample ID: 96-0898-00BS1
 Lab Batch No.: 1295

Date Received: 03-May-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 100

ICP Metals

431 281

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aluminum	AL	F	BS1	100.0000	75	125	25	5	102	PR	=	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	50	
Antimony	SB	F	BS1	0.0000				1	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	40
Arsenic	AS	F	BS1	0.0000				3	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	60
Barium	BA	F	BS1	100.0000	75	125	40	0.4	100	PR	=	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	2	
Beryllium	BE	F	BS1	100.0000	75	125	40	0.06	102	PR	=	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	0.3	
Cadmium	CD	F	BS1	0.0000				0.9	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	4
Calcium	CA	F	BS1	100.0000	75	125	40	2	104	PR	=	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	10	
Chromium	CR	F	BS1	100.0000	75	125	40	1	103	PR	=	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	7	
Cobalt	CO	F	BS1	100.0000	75	125	40	1	104	PR	=	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	7	
Copper	CU	F	BS1	100.0000	75	125	40	0.7	102	PR	=	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	6	
Iron	FE	F	BS1	100.0000	75	125	40	1	108	PR	=	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	7	
Lead	PB	F	BS1	0.0000				3	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	50
Magnesium	MG	F	BS1	100.0000	75	125	40	3	103	PR	=	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	30	
Manganese	MN	F	BS1	100.0000	75	125	40	0.2	101	PR	=	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	2	
Molybdenum	MO	F	BS1	100.0000	75	125	40	1	102	PR	=	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	8	
Nickel	NI	F	BS1	100.0000	75	125	40	1	104	PR	=	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	15	
Potassium	K	F	BS1	100.0000	75	125	40	100	99.4	PR	J	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	500
Selenium	SE	F	BS1	0.0000				4	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	80
Silver	AG	F	BS1	0.0000				1	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	7
Sodium	NA	F	BS1	100.0000	75	125	40	5	99	PR	=	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	30	
Thallium	TL	F	BS1	100.0000	75	125	40	4	102	PR	=	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	40	
Vanadium	V	F	BS1	100.0000	75	125	40	0.8	89.3	PR	=	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	8	
Zinc	ZN	F	BS1	100.0000	75	125	40	0.2	103	PR	=	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	2	

Chase A. Thibodaux
Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 155805
 Lab Sample ID: 96-0898-06MS1
 Lab Batch No.: 1295

Date Received: 30-Apr-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 79.3

431 282

ICP Metals

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aluminum	AL	F	MS1	100.0000	75	125	25	5	674	PR	=	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	50	
Antimony	SB	F	MS1	0.0000				1	0	PR	U	ND	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	40
Arsenic	AS	F	MS1	0.0000				3	0	PR	U	ND	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	60
Barium	BA	F	MS1	0.0000				0.4	0	PR	U	ND	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	2
Beryllium	BE	F	MS1	0.0000				0.06	0	PR	U	ND	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	0.3
Cadmium	CD	F	MS1	0.0000				0.9	0	PR	U	ND	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	4
Calcium	CA	F	MS1	100.0000	75	125	40	2	2890	PR	=	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	10	
Chromium	CR	F	MS1	0.0000				1	0	PR	U	ND	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	7
Cobalt	CO	F	MS1	0.0000				1	0	PR	U	ND	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	7
Copper	CU	F	MS1	0.0000				0.7	0	PR	U	ND	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	6
Iron	FE	F	MS1	100.0000	75	125	40	1	4010	PR	=	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	7	
Lead	PB	F	MS1	0.0000				3	0	PR	U	ND	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	50
Magnesium	MG	F	MS1	100.0000	75	125	40	3	202	PR	=	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	30	
Manganese	MN	F	MS1	100.0000	75	125	40	0.2	201	PR	=	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	8	
Molybdenum	MO	F	MS1	100.0000	75	125	40	1	139	PR	=	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	15	
Nickel	NI	F	MS1	0.0000				1	0	PR	U	ND	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	2
Potassium	K	F	MS1	100.0000	75	125	40	100	131	PR	J	TR	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	500
Selenium	SE	F	MS1	0.0000				4	0	PR	U	ND	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	80
Silver	AG	F	MS1	0.0000				1	0	PR	U	ND	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	7
Sodium	NA	F	MS1	100.0000	75	125	40	5	157	PR	=	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	30	
Thallium	TL	F	MS1	0.0000				4	0	PR	U	ND	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	40
Vanadium	V	F	MS1	0.0000				0.8	0	PR	U	ND	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	8
Zinc	ZN	F	MS1	0.0000				0.2	0	PR	U	ND	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	2

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 155806
 Lab Sample ID: 96-0898-06SD1
 Lab Batch No.: 1295

Date Received: 30-Apr-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 79.3

431 283

EDO Metals

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aluminum	AL	F	SD1	100.0000	75	125	25	5	668	PR	=	ND	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	50
Antimony	SB	F	SD1	0.0000				1	0	PR	U	ND	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	40
Arsenic	AS	F	SD1	0.0000				3	0	PR	U	ND	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	60
Barium	BA	F	SD1	0.0000				0.4	0	PR	U	ND	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	2
Beryllium	BE	F	SD1	0.0000				0.06	0	PR	U	ND	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	0.3
Cadmium	CD	F	SD1	0.0000				0.9	0	PR	U	ND	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	4
Calcium	CA	F	SD1	100.0000	75	125	40	2	2930	PR	=	ND	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	10
Chromium	CR	F	SD1	0.0000				1	0	PR	U	ND	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	7
Cobalt	CO	F	SD1	0.0000				1	0	PR	U	ND	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	7
Copper	CU	F	SD1	0.0000				0.7	0	PR	U	ND	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	6
Iron	FE	F	SD1	100.0000	75	125	40	1	4010	PR	=	ND	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	7
Lead	PB	F	SD1	0.0000				3	0	PR	U	ND	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	50
Magnesium	MG	F	SD1	100.0000	75	125	40	3	198	PR	=	ND	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	30
Manganese	MN	F	SD1	100.0000	75	125	40	0.2	201	PR	=	ND	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	2
Molybdenum	MO	F	SD1	100.0000	75	125	40	1	140	PR	=	ND	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	8
Nickel	NI	F	SD1	0.0000				1	0	PR	U	ND	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	15
Potassium	K	F	SD1	100.0000	75	125	40	100	134	PR	J	TR	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	500
Selenium	SE	F	SD1	0.0000				4	0	PR	U	ND	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	80
Silver	AG	F	SD1	0.0000				1	0	PR	U	ND	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	7
Sodium	NA	F	SD1	100.0000	75	125	40	5	149	PR	=	ND	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	30
Thallium	TL	F	SD1	0.0000				4	0	PR	U	ND	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	40
Vanadium	V	F	SD1	0.0000				0.8	0	PR	U	ND	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	8
Zinc	ZN	F	SD1	0.0000				0.2	0	PR	U	ND	MG/KG	03-May-96	0900	15-May-96	0900	SW3050	SW6010	TJA	05-03-96	2

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 155903
 Lab Sample ID 96-0898-12MS1
 Lab Batch No. 1295

Date Received 30-Apr-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 91.3

431 284

ICP Metals

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Analy	Time Analy	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aluminum	AL	F	MS1	0.0000				5	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	50
Antimony	SB	F	MS1	0.0000				1	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	40
Arsenic	AS	F	MS1	0.0000				3	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	60
Barium	BA	F	MS1	100.0000	75	125	40	0.4	117	PR	=		MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	2
Beryllium	BE	F	MS1	100.0000	75	125	40	0.06	118	PR	=		MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	0.3
Cadmium	CD	F	MS1	0.0000				0.9	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	4
Calcium	CA	F	MS1	0.0000				2	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	10
Chromium	CR	F	MS1	100.0000	75	125	40	1	118	PR	=		MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	7
Cobalt	CO	F	MS1	100.0000	75	125	40	1	119	PR	=		MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	7
Copper	CU	F	MS1	100.0000	75	125	40	0.7	116	PR	=		MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	6
Iron	FE	F	MS1	0.0000				1	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	7
Lead	PB	F	MS1	0.0000				3	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	50
Magnesium	MG	F	MS1	0.0000				3	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	30
Manganese	MN	F	MS1	0.0000				0.2	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	2
Molybdenum	MO	F	MS1	0.0000				1	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	8
Nickel	NI	F	MS1	0.0000				1	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	15
Potassium	K	F	MS1	0.0000				100	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	500
Selenium	SE	F	MS1	0.0000				4	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	80
Silver	AG	F	MS1	0.0000				1	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	7
Sodium	NA	F	MS1	0.0000				5	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	30
Thallium	TL	F	MS1	0.0000				4	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	40
Vanadium	V	F	MS1	100.0000	75	125	40	0.8	112	PR	=		MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	8
Zinc	ZN	F	MS1	100.0000	75	125	40	0.2	125	PR	=		MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	2

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 155903
 Lab Sample ID 96-0898-12SD1
 Lab Batch No. 1295

Date Received 30-Apr-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 91.3

431 285

PP Metals

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aluminum	AL	F	SD1	0.0000				5	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	50
Antimony	SB	F	SD1	0.0000				1	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	40
Arsenic	AS	F	SD1	0.0000				3	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	60
Barium	BA	F	SD1	100.0000	75	125	40	0.4	108	PR	=	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	2	
Beryllium	BE	F	SD1	100.0000	75	125	40	0.06	107	PR	=	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	0.3	
Cadmium	CD	F	SD1	0.0000				0.9	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	4
Calcium	CA	F	SD1	0.0000				2	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	10
Chromium	CR	F	SD1	100.0000	75	125	40	1	107	PR	=	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	7	
Cobalt	CO	F	SD1	100.0000	75	125	40	1	108	PR	=	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	7	
Copper	CU	F	SD1	100.0000	75	125	40	0.7	105	PR	=	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	6	
Iron	FE	F	SD1	0.0000				1	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	7
Lead	PB	F	SD1	0.0000				3	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	50
Magnesium	MG	F	SD1	0.0000				3	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	30
Manganese	MN	F	SD1	0.0000				0.2	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	2
Molybdenum	MO	F	SD1	0.0000				1	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	8
Nickel	NI	F	SD1	0.0000				1	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	15
Potassium	K	F	SD1	0.0000				100	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	500
Selenium	SE	F	SD1	0.0000				4	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	80
Silver	AG	F	SD1	0.0000				1	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	7
Sodium	NA	F	SD1	0.0000				5	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	30
Thallium	TL	F	SD1	0.0000				4	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	40
Vanadium	V	F	SD1	100.0000	75	125	40	0.8	100	PR	=	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	8	
Zinc	ZN	F	SD1	100.0000	75	125	40	0.2	114	PR	=	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-03-96	2	

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: LABQC
 Lab Sample ID: 96-0898-00LB1
 Lab Batch No.: 1298

Date Received	03-May-96
Matrix/Basis	S/D
Dilution Factor	1
Total Solids(%)	100

431 286

Metals

Compound	Analyte Code	S	QC	Spike Level	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Mercury	HG	F	LB1	0.0000	0.02	0	PR	U	ND	MG/KG	03-May-96	0900	03-May-96	1300	SW7471	SW7471	PE	05-03-96	0.1

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
Project No. 10K70200
Client ID LABQC
Lab Sample ID 96-0698-00BS1
Lab Batch No. 1298

Date Received 03-May-96
Matrix/Basis S/D
Dilution Factor 1
Total Solids(%) 100

431 287

Details

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Mercury	HG	F	BS1	2.5000	75	125	25	0.02	2.78	PR	=		MG/KG	03-May-96	0900	03-May-96	1300	SW7471	SW7471	PE	05-03-96	0.1

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
Project No. 10K70200
Client ID CR-A 110804
Lab Sample ID 96-0908-20MS1
Lab Batch No. 1298

Date Received 30-Apr-96
Matrix/Basis S/D
Dilution Factor 1
Total Solids(%) 77.6

431 288

Metals

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Mercury	HG	F	MS6	2.5000	75	125	25	0.03	3.60	PR	=		MG/KG	03-May-96	0900	03-May-96	1300	SW7471	SW7471	PE	05-03-96	0.13

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
Project No. 10K70200
Client ID CR-A 110804
Lab Sample ID 96-0908-20SD1
Lab Batch No. 1298

Date Received 30-Apr-96
Matrix/Basis S/D
Dilution Factor 1
Total Solids(%) 77.6

431 289

"Details

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Mercury	HG	F	SD1	2.5000	75	125	25	0.03	3.72	PR	=	MG/KG	03-May-96	0800	03-May-96	1300	SW7471	SW7471	PE	05-03-96	0.13	

Chase A. Thibodaux
Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: LABQC
 Lab Sample ID: 96-0898-00LB1
 Lab Batch No.: 1299

Date Received: 06-May-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 100

431 290

Metals

Compound	Analyte Code	S	QC	Spike Level	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Antimony	SB	F	LB1	0.0000	0.1	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1400	SW3050	SW7041	PE	05-07-96	0.5
Arsenic	AS	F	LB1	0.0000	0.1	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1400	SW3050	SW7060	PE	05-07-96	0.5
Cadmium	CD	F	LB1	0.0000	0.02	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1400	SW3050	SW7131	PE	05-07-96	0.1
Lead	PB	F	LB1	0.0000	0.1	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1400	SW3050	SW7421	PE	05-07-96	0.5
Nickel	NI	F	LB1	0.0000	0.2	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1400	SW3050	SW6010	TJA	05-07-96	1
Selenium	SE	F	LB1	0.0000	0.1	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1400	SW3050	SW7740	PE	05-07-96	0.5
Silver	AG	F	LB1	0.0000	0.02	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1400	SW3050	SW7761	PE	05-07-96	0.1

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID LABQC
 Lab Sample ID 96-0898-00BS1
 Lab Batch No. 1299

Date Received 06-May-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 100

431 291

Metals

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	Inst CAL	PQL
Antimony	SB	F	BS1	5.0000	40	140	40	0.1	5.05	PR	=	MG/KG	06-May-96	1000	07-May-96	1500	SW3050	SW7041	PE	05-07-96	0.5	
Arsenic	AS	F	BS1	5.0000	75	125	25	0.1	5.35	PR	=	MG/KG	06-May-96	1000	07-May-96	1500	SW3050	SW7060	PE	05-07-96	0.5	
Cadmium	CD	F	BS1	0.2000	75	125	25	0.02	0.2	PR	=	MG/KG	06-May-96	1000	07-May-96	1500	SW3050	SW7131	PE	05-07-96	0.1	
Lead	PB	F	BS1	5.0000	75	125	25	0.1	5.05	PR	=	MG/KG	06-May-96	1000	07-May-96	1500	SW3050	SW7421	PE	05-07-96	0.5	
Nickel	NI	F	BS1	0.0000				0.2	0	PR	U	ND	MG/KG	06-May-96	1000	07-May-96	1500	SW3050	SW6010	TJA	05-07-96	1
Selenium	SE	F	BS1	5.0000	75	125	25	0.1	5	PR	=	MG/KG	06-May-96	1000	07-May-96	1500	SW3050	SW7740	PE	05-07-96	0.5	
Silver	AG	F	BS1	0.5000	75	125	25	0.02	0.5	PR	=	MG/KG	06-May-96	1000	07-May-96	1500	SW3050	SW7761	PE	05-07-96	0.1	

Chase A. Thibodaux
Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 155806
 Lab Sample ID: 96-0898-06MS1
 Lab Batch No.: 1299

Date Received: 30-Apr-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 79.3

431 292

Metals

Compound	Analyte Code	S	QC	Spikes Level	CL MIN	CL MAX	MAX RPD	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Antimony	SB	F	MS1	5.0000	40	140	40	0.1	6.60	PR	=	=	MG/KG	06-May-96	1000	07-May-96	1500	SW3050	SW7041	PE	05-07-96	0.63
Arsenic	AS	F	MS1	5.0000	75	125	25	0.1	6.97	PR	=	=	MG/KG	06-May-96	1000	07-May-96	1500	SW3050	SW7060	PE	05-07-96	0.63
Cadmium	CD	F	MS1	0.2000	75	125	25	0.03	0.265	PR	=	=	MG/KG	06-May-96	1000	07-May-96	1500	SW3050	SW7131	PE	05-07-96	0.13
Lead	PB	F	MS1	5.0000	75	125	25	0.1	6.54	PR	U	ND	MG/KG	06-May-96	1000	07-May-96	1500	SW3050	SW7421	PE	05-07-96	0.63
Nickel	NI	F	MS1	0.0000				0.3	0	PR	=	=	MG/KG	06-May-96	1000	07-May-96	1500	SW3050	SW6010	TJA	05-07-96	1.26
Selenium	SE	F	MS1	5.0000	75	125	25	0.1	5.96	PR	=	=	MG/KG	06-May-96	1000	07-May-96	1500	SW3050	SW7740	PE	05-07-96	0.63
Silver	AG	F	MS1	0.5000	75	125	25	0.03	0.605	PR	=	=	MG/KG	06-May-96	1000	07-May-96	1500	SW3050	SW7761	PE	05-07-96	0.13

Chase A. Thibodaux
Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 155806
 Lab Sample ID: 96-0898-06SD1
 Lab Batch No.: 1299

Date Received: 30-Apr-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 79.3

Metals

431 293

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Antimony	SB	F	SD1	5.0000	40	140	40	0.1	6.71	PR	=	MG/KG	06-May-96	1000	07-May-96	1500	SW3050	SW7041	PE	05-07-96	0.63	
Arsenic	AS	F	SD1	5.0000	75	125	25	0.1	6.81	PR	=	MG/KG	06-May-96	1000	07-May-96	1500	SW3050	SW7060	PE	05-07-96	0.63	
Cadmium	CD	F	SD1	0.2000	75	125	25	0.03	0.265	PR	=	MG/KG	06-May-96	1000	07-May-96	1500	SW3050	SW7131	PE	05-07-96	0.13	
Lead	PB	F	SD1	5.0000	75	125	25	0.1	6.54	PR	=	MG/KG	06-May-96	1000	07-May-96	1500	SW3050	SW7421	PE	05-07-96	0.63	
Nickel	NI	F	SD1	0.0000	75	125	25	0.3	0	PR	U	ND	MG/KG	06-May-96	1000	07-May-96	1500	SW3050	SW6010	TJA	05-07-96	1.26
Selenium	SE	F	SD1	5.0000	75	125	25	0.1	6.24	PR	=	MG/KG	06-May-96	1000	07-May-96	1500	SW3050	SW7740	PE	05-07-96	0.63	
Silver	AG	F	SD1	0.5000	75	125	25	0.03	0.605	PR	=	MG/KG	06-May-96	1000	07-May-96	1500	SW3050	SW7761	PE	05-07-96	0.13	

Chase A. Thibodaux
 Laboratory Manager

Certes

Environmental Laboratories, L.C.

*2209 Wisconsin Street, Suite 200
Dallas, Texas 75229
214-620-7966
800-394-2872
214-620-7963 FAX*

431 294

CERTES ENVIRONMENTAL LABORATORIES ANALYTICAL REPORT

CEL #: 96-00908

Project #: 10K70200

Prepared for:
JACOBS ENGINEERING GROUP, INC.
600 Seventeenth St., Suite 1100N
Denver, Colorado 80202

Attn: Lynn Schuetter

Date: August 6, 1996

Included are the results for the samples submitted to Certes. All testing was performed using approved EPA Methods, unless otherwise stated. All results have been reviewed and Quality Control criteria met. If you have any questions concerning the analytical data, please contact Chase A. Thibodaux, Laboratory Manager, at (214) 620-7966. Thank you for the opportunity to service your environmental testing needs.

Sincerely,
Certes Environmental Laboratories, L.C.
Per:

Chase A. Thibodaux

Chase A. Thibodaux
Laboratory Manager

CLIENT: JACOBS ENGINEERING GROUP, INC.

431 295

REPORT #: 96-0908

CASE NARRATIVE

1. Water samples submitted for EPA Method 8020 were analyzed 5/07/96 under batch W96-45. These samples lack confirmatory analyses.
2. Water samples submitted for EPA Method 8240 were analyzed 5/06/96 under batch 96W29. The corresponding Quality Control data used was from 5/03/96.

CLIENT: JACOBS ENGINEERING GROUP, INC.

REPORT #: 96-0908

431 296

Cross Reference Table I

Field Sample ID	Laboratory ID
CR-A 156001	96-0908-01
CR-A 156002	96-0908-02
CR-A 156003	96-0908-03
CR-A 156004	96-0908-04
CR-A 156005	96-0908-05
CR-A 156006	96-0908-06
CR-A 156007	96-0908-07
CR-A 156008	96-0908-08
CR-A 156009	96-0908-09
CR-A 156101	96-0908-10
CR-A 156102	96-0908-11
CR-A 156103	96-0908-12
CR-A 156104	96-0908-13
CR-A 156105	96-0908-14
CR-A 156106	96-0908-15
CR-A 156107	96-0908-16
CR-A 110801	96-0908-17
CR-A 110802	96-0908-18
CR-A 110803	96-0908-19
CR-A 110804	96-0908-20
CR-A 110805	96-0908-21
CR-A 110806	96-0908-22
CR-A 110807	96-0908-23

CLIENT: JACOBS ENGINEERING GROUP, INC.

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REPORT #: 96-0908

Cross Reference Table I

Field Sample ID	Laboratory ID
CR-A 111001	96-0908-24
CR-A 111002	96-0908-25
CR-A 111003	96-0908-26
CR-A 111004	96-0908-27
CR-A 111005	96-0908-28
CR-A 111006	96-0908-29
CR-A 111007	96-0908-30
CR-A 111008	96-0908-31
CR-A 111009	96-0908-32

CLIENT: JACOBS ENGINEERING GROUP, INC.

REPORT #: 96-0908

431 298

Cross Reference Table II

Field Sample ID	QC Sample ID
CR-A 111202	96-0908-02MS1
CR-A 111202	96-0908-02SD1
CR-A 156106	96-0908-15MS1
CR-A 156106	96-0908-15SD1
CR-A 156009	96-0908-09MS1
CR-A 159009	96-0908-09SD1
CR-A 156003	96-0908-03MS1
CR-A 156003	96-0908-03SD1
CR-A 155807	96-0908-07MS1
CR-A 155807	96-0908-07SD1
CR-A 155904	96-0908-13MS1
CR-A 155904	96-0908-13SD1
CR-A 111205	96-0908-05MS1
CR-A 111205	96-0908-05SD1
CR-A 155801	96-0908-01MS1
CR-A 155801	96-0908-01SD1
CR-A 111004	96-0908-27MS1
CR-A 111004	96-0908-27SD1
CR-A 110804	96-0908-20MS1
CR-A 110804	96-0908-20SD1

CLIENT: JACOBS ENGINEERING GROUP, INC.

Page 2

REPORT #: 96-0908

431 299

Cross Reference Table II

Field Sample ID	QC Laboratory ID
CR-A 111004	96-0908-27MS1
CR-A 111004	96-0908-27SD1
CR-A 155806	96-0908-06MS1
CR-A 155806	96-0908-06SD1
CR-A 111004	96-0908-27MS1
CR-A 111004	96-0908-27SD1

Laboratory ID CERTES
Project No. 10K70200
Client ID CR-A 156001
Lab Sample ID 96-0908-01
Batch No. S96-40

Date Received 02-May-96
Matrix/Basis S/D
Dilution Factor 1
Total Solids(%) 96

431 300

Compound	Analyte Code	S	QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Benzene	BZ	F		0.0000	0.0004	0	PR	U	ND	MG/KG	08-May-96	1325	08-May-96	1355	SW5030	SW8020	GC3	02-20-96	0.002
Toluene	BZME	F		0.0000	0.0004	0	PR	U	ND	MG/KG	08-May-96	1325	08-May-96	1355	SW5030	SW8020	GC3	02-20-96	0.002
Ethylbenzene	EBZ	F		0.0000	0.0004	0	PR	U	ND	MG/KG	08-May-96	1325	08-May-96	1355	SW5030	SW8020	GC3	02-20-96	0.002
Xylenes	XYLENES	F		0.0000	0.0004	0	PR	U	ND	MG/KG	08-May-96	1325	08-May-96	1355	SW5030	SW8020	GC3	02-20-96	0.002

Laboratory ID CERTES
Project No. 10K70200
Client ID CR-A 156001
Lab Sample ID 96-0908-01
Lab Batch No. S-0463

Date Received 02-May-96
Matrix/Basis S/D
Dilution Factor 1
Total Solids(%) 96

Total Petroleum Hydrocarbons

431 301

Compound	Analyte Code	S	QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anal Meth	Inst ID	CAL	PQL
TPH	PHC	F		0.0000	3.9	4.29	PR	J	TR	MG/KG	07-May-96	0900	07-May-96	1500	SW3550	E418.1	IR	05-07-96	10

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 156002
 Lab Sample ID: 96-0908-02
 Lab Batch No.: SVS83

Date Received: 02-May-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 90.1

431 302

SemiVolatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acenaphthene	ACNP	F		0.0000			35	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
Acenaphthylene	ACNPY	F		0.0000			35	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
Anthracene	ANTH	F		0.0000			38	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
Benz(a)anthracene	BZAA	F		0.0000			26.1	26.4	PR	J	TR	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
Benz(a)pyrene	BZAP	F		0.0000			41.9	28.6	PR	J	TR	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
Benz(b)fluoranthene	BZBF	F		0.0000			33.3	44.6	PR	J	TR	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
Benz(g,h,i)perylene	BZGHIP	F		0.0000			54.8	52.1	PR	J	TR	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
Benz(k)fluoranthene	BZKF	F		0.0000			86.5	69.9	PR	J	TR	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
Benzoic acid	BZACID	F		0.0000			59.1	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	1650
Benzyl alcohol	BZLAL	F		0.0000			47.9	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	660
bis(2-Chloroethoxy)methane	BECEM	F		0.0000			43.6	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
bis(2-Chloroethyl)ether	BIS2CEE	F		0.0000			51.2	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
bis(2-Chloroisopropyl)ether	BIS2CIE	F		0.0000			55.8	13.6	PR	J	TR	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
bis(2-Ethylhexyl)phthalate	BIS2EHP	F		0.0000			92.4	95.8	PR	J	TR	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
4-Bromophenyl-phenyl ether	BPPE4	F		0.0000			33.3	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
Butylbenzylphthalate	BBP	F		0.0000			39.3	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
4-Chloro-3-methylphenol	C4M3PH	F		0.0000			48.8	13.9	PR	J	TR	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	660
4-Chloroaniline	CLANIL4	F		0.0000			53.8	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	660
2-Chlorophenol	CLPH2	F		0.0000			57.1	16.1	PR	J	TR	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
4-Chlorophenyl-phenyl ether	CPPE4	F		0.0000			35.3	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
2-Chloronaphthalene	CNPH2	F		0.0000			29	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
Chrysene	CHRYSENE	F		0.0000			32	21.8	PR	J	TR	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
Di-n-butylphthalate	DNPB	F		0.0000			55.1	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
Di-n-octylphthalate	DNOP	F		0.0000			57.1	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
Dibenzo(a,h)anthracene	DBZAHP	F		0.0000			50.2	41.0	PR	J	TR	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
Dibenzofuran	DBF	F		0.0000			37.3	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
1,2-Dichlorobenzene	DCBZ12	F		0.0000			51.5	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
1,3-Dichlorobenzene	DCBZ13	F		0.0000			52.1	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
1,4-Dichlorobenzene	DCBZ14	F		0.0000			52.8	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
3,3'-Dichlorobenzidine	DBZD33	F		0.0000			81.8	33.1	PR	J	TR	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	660
2,4-Dichlorophenol	DCP24	F		0.0000			52.8	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
Diethylphthalate	DEPH	F		0.0000			47.2	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
2,4-Dimethylphenol	DMP24	F		0.0000			43.9	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
Dimethylphthalate	DMPH	F		0.0000			36.6	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
2,6-Dinitrooluene	DNT26	F		0.0000			36	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
2,4-Dinitrophenol	DNP24	F		0.0000			39.6	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	1650
6-Nitro-2-methylphenol	DN46M	F		0.0000			50.8	32.2	PR	J	TR	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	1650
4,4-Dinitrooluene	DNT24	F		0.0000			32.7	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
Fluoranthene	FLA	F		0.0000			40.6	38.8	PR	J	TR	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
Fluorene	FL	F		0.0000			35.3	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
Hexachlorobenzene	HCLBZ	F		0.0000			33	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
Hexachlorobutadiene	HCBU	F		0.0000			47.9	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
Hexachlorocyclopentadiene	HCCP	F		0.0000			61.4	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
Hexachloroethane	HCLEA	F		0.0000			46.2	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
Indeno(1,2,3-cd)pyrene	INP123	F		0.0000			54.5	38.1	PR	J	TR	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
Isophorone	ISOP	F		0.0000			47.9	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
2-Methylnaphthalene	MTNPH2	F		0.0000			48.2	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
2-Methylphenol	MEPH2	F		0.0000			52.8	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
4-Methylphenol	MEPH4	F		0.0000			54.8	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
N-Nitroso-di-n-propylamine	NNSPR	F		0.0000			55.4	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
N-Nitrosodiphenylamine	NNSPH	F		0.0000			38	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
Naphthalene	NAPH	F		0.0000			39.9	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
2-Nitroaniline	NO2ANIL2	F		0.0000			38.3	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	1650
4-Nitroaniline	NO2ANIL4	F		0.0000			73.6	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	1650
3-Nitroaniline	NO2ANIL3	F		0.0000			43.9	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	1650
Nitrobenzene	NO2BZ2	F		0.0000			49.5	17.8	PR	J	TR	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
2-Nitrophenol	NTPH2	F		0.0000			46.5	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB270	5972	03-19-96	330
4-Nitrophenol	NTPH4	F		0.0000			53.1	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1626	SW3550	SWB27			

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 156003
 Lab Sample ID: 96-0908-03
 Lab Batch No.: S96-40

Date Received: 02-May-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 90.2

BTEX

431 303

Compound	Analyte Code	S	QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Benzene	BZ	F		0.0000	0.0004	0	PR	U	ND	MG/KG	08-May-96	2115	08-May-96	2145	SW5030	SW8020	GC3	02-20-96	0.002
Toluene	BZME	F		0.0000	0.0004	0	PR	U	ND	MG/KG	08-May-96	2115	08-May-96	2145	SW5030	SW8020	GC3	02-20-96	0.002
Ethylbenzene	EBZ	F		0.0000	0.0004	0	PR	U	ND	MG/KG	08-May-96	2115	08-May-96	2145	SW5030	SW8020	GC3	02-20-96	0.002
Xylenes	XYLEMES	F		0.0000	0.0004	0	PR	U	ND	MG/KG	08-May-96	2115	08-May-96	2145	SW5030	SW8020	GC3	02-20-96	0.002

Laboratory ID CERTES
Project No. 10K70200
Client ID CR-A 156003
Lab Sample ID 96-0908-03
Lab Batch No. S-0463

Date Received 02-May-96
Matrix/Basis S/D
Dilution Factor 1
Total Solids(%) 90.2

431 304

Total Petroleum Hydrocarbons

Compound	Analyte Code	S	QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
TPH	IPHC	F		0.0000	3.9	9.15	PR	J	TR	MG/KG	07-May-96	0900	07-May-96	1500	SW3550	E418.1	IIR	05-07-96	10

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 156004
 Lab Sample ID 96-0908-04
 Lab Batch No. SVS83

Date Received 02-May-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 92.7

431 305

SemiVolatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acenaphthene	ACNP	F		0.0000			35	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
Acenaphthylene	ACNPY	F		0.0000			35	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
Anthracene	ANTH	F		0.0000			38	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
Benz(a)anthracene	BZAA	F		0.0000			26.1	187	PR	J	TR	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
Benz(a)pyrene	BZAP	F		0.0000			41.9	106	PR	J	TR	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
Benz(b)fluoranthene	BZBF	F		0.0000			33.3	226	PR	J	TR	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
Benz(g,h,i)perylene	BZGHIP	F		0.0000			54.8	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
Benz(k)fluoranthene	BZKF	F		0.0000			86.5	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
Benzoic acid	BZACID	F		0.0000			59.1	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	1650
Benzyl alcohol	BZLAL	F		0.0000			47.9	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	660
bis(2-Chloroethyl)ether	BECEM	F		0.0000			43.6	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
bis(2-Chloroisopropyl)ether	BIS2CEE	F		0.0000			51.2	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
bis(2-Ethylhexyl)phthalate	BIS2EHP	F		0.0000			55.8	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
4-Bromophenyl-phenyl ether	BP4E	F		0.0000			92.4	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
Butylbenzylphthalate	BBP	F		0.0000			33.3	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
4-Chloro-3-methylphenol	C4M3PH	F		0.0000			48.8	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	660
4-Chloroaniline	CLANIL4	F		0.0000			53.8	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	660
2-Chlorophenol	CLPH2	F		0.0000			57.1	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
4-Chlorophenyl-phenyl ether	CPPE4	F		0.0000			35.3	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
2-Chloronaphthalene	CNPH2	F		0.0000			29	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
Chrysene	CHRYSENE	F		0.0000			32	235	PR	J	TR	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
Di-n-butylphthalate	DNPB	F		0.0000			55.1	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
Di-n-octylphthalate	DNOP	F		0.0000			57.1	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
Dibenzo(a,h)anthracene	DBZAHP	F		0.0000			50.2	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
Dibenzofuran	DBF	F		0.0000			37.3	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
1,2-Dichlorobenzene	DCBZ12	F		0.0000			51.5	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
1,3-Dichlorobenzene	DCBZ13	F		0.0000			52.1	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
1,4-Dichlorobenzene	DCBZ14	F		0.0000			52.8	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
3,3'-Dichlorobenzidine	DBZD33	F		0.0000			81.8	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	660
2,4-Dichlorophenol	DCP24	F		0.0000			52.8	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
Diethylphthalate	DEPH	F		0.0000			47.2	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
2,4-Dimethylphenol	DMP24	F		0.0000			43.9	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
Dimethylphthalate	DMPH	F		0.0000			36.6	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
2,6-Dintrotoluene	DNT26	F		0.0000			36	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
2,4-Dinitrophenol	DNP24	F		0.0000			39.6	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	1650
4,6-Dinitro-2-methylphenol	DN46M	F		0.0000			50.8	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	1650
2,4-Dinitrotoluene	DNT24	F		0.0000			32.7	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
Fluoranthene	FLA	F		0.0000			40.6	205	PR	J	TR	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
Fluorene	FL	F		0.0000			35.3	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
Hexachlorobenzene	HCLBZ	F		0.0000			33	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
Hexachlorobutadiene	HCBU	F		0.0000			47.9	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
Hexachlorocyclopentadiene	HCCP	F		0.0000			61.4	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
Hexachloroethane	HCLEA	F		0.0000			46.2	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
Indeno(1,2,3-cd)pyrene	INP123	F		0.0000			54.5	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
Isophorone	ISOP	F		0.0000			47.9	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
2-Methylnaphthalene	MTNPH2	F		0.0000			48.2	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
2-Methylphenol	MEPH2	F		0.0000			52.8	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
4-Methylphenol	MEPH4	F		0.0000			54.8	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
N-Nitroso-di-n-propylamine	NNSPR	F		0.0000			55.4	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
N-Nitrosodiphenylamine	NNSPH	F		0.0000			38	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
Naphthalene	NAPH	F		0.0000			39.9	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
2-Nitroaniline	NO2ANIL2	F		0.0000			38.3	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	1650
4-Nitroaniline	NO2ANIL4	F		0.0000			73.6	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	1650
3-Nitroaniline	NO2ANIL3	F		0.0000			43.9	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	1650
Nitrobenzene	NO2BZ	F		0.0000			49.5	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
2-Nitrophenol	NTPH2	F		0.0000			46.5	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	330
4-Nitrophenol	NTPH4	F		0.0000			39.9	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	1650
Pentachlorophenol	PCP	F		0.0000			53.1	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1716	SW3550	SW8270	5972	03-19-96	1650
Ph																					

Laboratory ID CERTES
Project No. 10K70200
Client ID CR-A 156005
Lab Sample ID 96-0908-05
Batch No. S96-40

Date Received 02-May-96
Matrix/Basis S/D
Dilution Factor 1
Total Solids(%) 88.2

431 306

EX

Compound	Analyte Code	S	QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Benzene	BZ	F		0.0000	0.0004	0	PR	U	ND	MG/KG	08-May-96	1440	08-May-96	1519	SW5030	SW8020	GC3	02-20-96	0.002
Toluene	BZME	F		0.0000	0.0004	0	PR	U	ND	MG/KG	08-May-96	1440	08-May-96	1519	SW5030	SW8020	GC3	02-20-96	0.002
Ethylbenzene	EBZ	F		0.0000	0.0004	0	PR	U	ND	MG/KG	08-May-96	1440	08-May-96	1519	SW5030	SW8020	GC3	02-20-96	0.002
Xylenes	XYLEMES	F		0.0000	0.0004	0	PR	U	ND	MG/KG	08-May-96	1440	08-May-96	1519	SW5030	SW8020	GC3	02-20-96	0.002

Laboratory ID	CERTES	Date Received	02-May-96
Project No.	10K70200	Matrix/Basis	S/D
Client ID	CR-A 156005	Dilution Factor	1
Lab Sample ID	96-0908-05	Total Solids(%)	88.2
Lab Batch No.	S-0463		

Total Petroleum Hydrocarbons

431 307

Compound	Analyte Code	S	QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
TPH	PHC	F		0.0000	3.9	4.67	PR	J	TR	MG/KG	07-May-96	0900	07-May-96	1500	SW3550	E418.1	IR	05-07-96	10

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 156006
 Lab Sample ID 96-0908-06
 Lab Batch No. SVS83

Date Received 02-May-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 91.1

431 308

SemiVolatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acenaphthene	ACNP	F		0.0000			35	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
Acenaphthylene	ACNPY	F		0.0000			35	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
Anthracene	ANTH	F		0.0000			38	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
Benz(a)anthracene	BZAA	F		0.0000			26.1	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
Benz(a)pyrene	BZAP	F		0.0000			41.9	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
Benz(b)fluoranthene	BZBF	F		0.0000			33.3	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
Benz(g,h,i)perylene	BZCHIP	F		0.0000			54.8	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
Benz(k)fluoranthene	BZKF	F		0.0000			66.5	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
Benzoic acid	BZACID	F		0.0000			59.1	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	1650
Benzyl alcohol	BZLAL	F		0.0000			47.9	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	660
bis(2-Chloroethoxy)methane	BECEM	F		0.0000			43.6	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
bis(2-Chloroethyl)ether	BIS2CEE	F		0.0000			51.2	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
bis(2-Chloroisopropyl)ether	BIS2CIE	F		0.0000			55.8	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
bis(2-Ethylhexyl)phthalate	BIS2EHP	F		0.0000			92.4	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
4-Bromophenyl-phenyl ether	BPPE4	F		0.0000			33.3	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
Butylbenzylphthalate	BBP	F		0.0000			39.3	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
4-Chloro-3-methylphenol	C4M3PH	F		0.0000			48.6	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	660
4-Chloroaniline	CLANIL4	F		0.0000			53.8	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	660
2-Chlorophenol	CLPH2	F		0.0000			57.1	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
4-Chlorophenyl-phenyl ether	CPPE4	F		0.0000			35.3	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
2-Chloronaphthalene	CNPH2	F		0.0000			29	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
Chrysene	CHRYSENE	F		0.0000			32	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
Di-n-butylphthalate	DNPB	F		0.0000			55.1	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
Di-n-octylphthalate	DNOP	F		0.0000			57.1	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
Dibenzo(a,h)anthracene	DBZAHP	F		0.0000			50.2	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
Dibenzofuran	DBF	F		0.0000			37.3	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
1,2-Dichlorobenzene	DCBZ12	F		0.0000			51.5	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
1,3-Dichlorobenzene	DCBZ13	F		0.0000			52.1	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
1,4-Dichlorobenzene	DCBZ14	F		0.0000			52.8	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
3,3'-Dichlorobenzidine	DBZD33	F		0.0000			81.8	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	660
2,4-Dichlorophenol	DCP24	F		0.0000			52.8	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
Diethylphthalate	DEPH	F		0.0000			47.2	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
2,4-Dimethylphenol	DMP24	F		0.0000			43.9	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
Dimethylphthalate	DMPH	F		0.0000			36.6	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
2,6-Dinitrotoluene	DNT26	F		0.0000			36	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
2,4-Dinitrophenol	DNP24	F		0.0000			39.6	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	1650
2,6-Dinitro-2-methylphenol	DN46M	F		0.0000			50.8	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	1650
2,4-Dinitrotoluene	DNT24	F		0.0000			32.7	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
Fluoranthene	FLA	F		0.0000			40.6	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
Fluorene	FL	F		0.0000			35.3	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
Hexachlorobenzene	HCLBZ	F		0.0000			33	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
Hexachlorobutadiene	HCBU	F		0.0000			47.9	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
Hexachlorocyclopentadiene	HCCP	F		0.0000			61.4	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
Hexachloroethane	HCLEA	F		0.0000			46.2	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
Indeno(1,2,3-cd)pyrene	INP123	F		0.0000			54.5	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
Isophorone	ISOP	F		0.0000			47.9	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
2-Methylnaphthalene	MTNP2	F		0.0000			48.2	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	1650
2-Methylphenol	MEPH2	F		0.0000			52.8	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
4-Methylphenol	MEPH4	F		0.0000			54.8	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
N-Nitroso-di-n-propylamine	NNNSPR	F		0.0000			55.4	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
N-Nitrosodiphenylamine	NNSPH	F		0.0000			38	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
Naphthalene	NAPH	F		0.0000			39.9	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
2-Nitroaniline	NO2ANIL2	F		0.0000			38.3	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	1650
4-Nitroaniline	NO2ANIL4	F		0.0000			73.6	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	1650
3-Nitroaniline	NO2ANIL3	F		0.0000			43.9	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	1650
Nitrobenzene	NO2BZ	F		0.0000			49.5	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
2-Nitrophenol	NTPH2	F		0.0000			46.5	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1757	SW3550	SWB270	5972	03-19-96	330
4-Nitrophenol	NTPH4	F		0.0000		</td															

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 158007
 Lab Sample ID 96-0908-07
 Lab Batch No. S96-40

Date Received 02-May-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 91.5

BTEX

431 309

Compound	Analyte Code	S	QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Benzene	BZ	F		0.0000	0.0004	0	PR	U	ND	MG/KG	08-May-96	1455	08-May-96	1525	SW5030	SW8020	GC3	02-20-96	0.002
Toluene	BZME	F		0.0000	0.0004	0	PR	U	ND	MG/KG	08-May-96	1455	08-May-96	1525	SW5030	SW8020	GC3	02-20-96	0.002
Ethylbenzene	EBZ	F		0.0000	0.0004	0	PR	U	ND	MG/KG	08-May-96	1455	08-May-96	1525	SW5030	SW8020	GC3	02-20-96	0.002
Xylenes	XYLENES	F		0.0000	0.0004	0	PR	U	ND	MG/KG	08-May-96	1455	08-May-96	1525	SW5030	SW8020	GC3	02-20-96	0.002

Laboratory ID CERTES
Project No. 10K70200
Client ID CR-A 156007
Lab Sample ID 96-0908-07
Lab Batch No. S-0463

Date Received 02-May-96
Matrix/Basis S/D
Dilution Factor 1
Total Solids(%) 91.5

Total Petroleum Hydrocarbons

431 310

Compound	Analyte Code	S	QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
TPH	PHC	F		0.0000	3.9	9.02	PR	J	TR	MG/KG	07-May-96	0900	07-May-96	1500	SW3550	E418.1	IR	05-07-96	10

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 156008
 Lab Sample ID: 96-0908-06
 Lab Batch No.: SVS83

Date Received: 02-May-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 83.3

431 311

SemiVolatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acenaphthene	ACNP	F		0.0000			35	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
Acenaphthylene	ACNPY	F		0.0000			35	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
Anthracene	ANTH	F		0.0000			38	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
Benzo(a)anthracene	BZAA	F		0.0000			28.1	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
Benzo(a)pyrene	BZAP	F		0.0000			41.9	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
Benzo(b)fluoranthene	BZBF	F		0.0000			33.3	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
Benzo(g,h,i)perylene	BZGHIP	F		0.0000			54.8	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
Benzo(k)fluoranthene	BZKF	F		0.0000			86.5	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
Benzoic acid	BZACID	F		0.0000			59.1	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	1650
Benzyl alcohol	BZLAL	F		0.0000			47.9	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	660
bis(2-Chloroethoxy)methane	BECEM	F		0.0000			43.6	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
bis(2-Chloroethyl)ether	BIS2CEE	F		0.0000			51.2	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
bis(2-Chloroisopropyl)ether	BIS2CIE	F		0.0000			55.8	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
bis(2-Ethylhexyl)phthalate	BIS2EHP	F		0.0000			92.4	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
4-Bromophenyl-phenyl ether	BPPE4	F		0.0000			33.3	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
Butylbenzylphthalate	BBP	F		0.0000			39.3	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
4-Chloro-3-methylphenol	C4M3PH	F		0.0000			48.8	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	660
4-Chloroaniline	CLANIL4	F		0.0000			53.8	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	660
2-Chloropheno	CLPH2	F		0.0000			57.1	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
4-Chlorophenyl-phenyl ether	CPPE4	F		0.0000			35.3	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
2-Chloronaphthalene	CNPH2	F		0.0000			29	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
Chrysene	CHRYSENE	F		0.0000			32	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
Di-n-butylphthalate	DNPB	F		0.0000			55.1	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
Di-n-octylphthalate	DNOP	F		0.0000			57.1	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
Dibenzo(a,h)anthracene	DBZAHP	F		0.0000			50.2	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
Dibenzofuran	DBF	F		0.0000			37.3	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
1,2-Dichlorobenzene	DCBZ12	F		0.0000			51.5	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
1,3-Dichlorobenzene	DCBZ13	F		0.0000			52.1	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
1,4-Dichlorobenzene	DCBZ14	F		0.0000			52.8	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
3,3'-Dichlorobenzidine	DBZD33	F		0.0000			81.8	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	660
2,4-Dichlorophenol	DCP24	F		0.0000			52.8	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
Diethylphthalate	DEPH	F		0.0000			47.2	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
2,4-Dimethylphenol	DMP24	F		0.0000			43.9	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
Dimethylphthalate	DMPH	F		0.0000			36.6	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
2,6-Dinitrotoluene	DNT26	F		0.0000			36	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
2,4-Dinitrophenol	DNP24	F		0.0000			39.6	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	1650
4,6-Dinitro-2-methylphenol	DN46M	F		0.0000			50.8	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	1650
2,4-Dinitrotoluene	DNT24	F		0.0000			32.7	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
Fluoranthene	FLA	F		0.0000			40.6	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
Fluorene	FL	F		0.0000			35.3	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
Hexachlorobenzene	HCLBZ	F		0.0000			33	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
Hexachlorobutadiene	HCBU	F		0.0000			47.9	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
Hexachlorocyclopentadiene	HCCP	F		0.0000			61.4	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
Hexachloroethane	HCLEA	F		0.0000			46.2	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
Indeno(1,2,3-cd)pyrene	INP123	F		0.0000			54.5	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
Isophorone	ISOP	F		0.0000			47.9	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
2-Methylnaphthalene	MTNPH2	F		0.0000			48.2	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
2-Methyphenol	MEPH2	F		0.0000			52.8	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
4-Methyphenol	MEPH4	F		0.0000			54.8	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
N-Nitroso-di-n-propylamine	NNSPR	F		0.0000			55.4	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
N-Nitrosodiphenylamine	NNSPH	F		0.0000			38	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
Naphthalene	NAPH	F		0.0000			39.9	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
2-Nitroaniline	NO2ANIL2	F		0.0000			38.3	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	1650
4-Nitroaniline	NO2ANIL4	F		0.0000			73.6	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	1650
3-Nitroaniline	NO2ANIL3	F		0.0000			43.9	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	1650
Nitrobenzene	NO2BZ2	F		0.0000			49.5	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
2-Nitrophenol	NTPH2	F		0.0000			46.5	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-96	330
4-Nitrophenol	NTPH4	F		0.0000			39.9	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1839	SW3550	SW8270	5972	03-19-9	

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 156009
 Lab Sample ID: 96-0908-09
 Batch No.: W96-45

Date Received: 02-May-96
 Matrix/Basis: W/X
 Dilution Factor: 1
 Total Solids(%): N/A

431 312

EX

Compound	Analyte Code	S	QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Anly	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Benzene	BZ	F		0.0000	0.16	0	PR	U	ND	UG/L	07-May-96	2235	07-May-96	2303	SW5030	SW8020	GC3	02-20-96	1
Toluene	BZME	F		0.0000	0.09	0	PR	U	ND	UG/L	07-May-96	2235	07-May-96	2303	SW5030	SW8020	GC3	02-20-96	1
Ethylbenzene	EBZ	F		0.0000	0.1	0	PR	U	ND	UG/L	07-May-96	2235	07-May-96	2303	SW5030	SW8020	GC3	02-20-96	1
Xylenes	XYLEMES	F		0.0000	0.3	0	PR	U	ND	UG/L	07-May-96	2235	07-May-96	2303	SW5030	SW8020	GC3	02-20-96	1

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 156101
 Lab Sample ID: 96-0908-10
 Lab Batch No.: W-0292

Date Received: 02-May-96
 Matrix/Basis: W/X
 Dilution Factor: 1
 Total Solids(%): N/A

Total Petroleum Hydrocarbons

431 313

Compound	Analyte Code	S	QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
TPH	PHC	F		0.0000	0.2	0.8	PR J	TR	MGL		07-May-96	0900	07-May-96	1300	SW3510	E418.1	IR	05-07-96	1

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 156102
 Lab Sample ID 96-0908-11
 Lab Batch No. SVW44

Date Received 02-May-96
 Matrix/Basis W/X
 Dilution Factor 1
 Total Solids(%) N/A

431 314

SemiVolatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab MDL	Results	PV CC Q	Lab Par Q	Units	Date Extr	Time Ext	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL	
Acenaphthene	ACNP	F		0.0000			1.06	23.6	PR	=	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10	
Acenaphthylene	ACNPY	F		0.0000			1.06	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10
Anthracene	ANTH	F		0.0000			1.15	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10
Benz(a)anthracene	BZAA	F		0.0000			0.79	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10
Benz(a)pyrene	BZAP	F		0.0000			1.27	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10
Benz(b)fluoranthene	BZBF	F		0.0000			1.01	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10
Benz(g,h,i)perylene	BZGHIP	F		0.0000			1.66	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10
Benz(k)fluoranthene	BZKF	F		0.0000			2.62	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10
Benzoic acid	BZACID	F		0.0000			1.79	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	50
Benzyl alcohol	BZLAL	F		0.0000			1.45	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	20
bis(2-Chloroethoxy)methane	BECEM	F		0.0000			1.32	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10
bis(2-Chloroethyl)ether	BIS2CEE	F		0.0000			1.55	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10
bis(2-Chloroisopropyl)ether	BIS2CIE	F		0.0000			1.69	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10
bis(2-Ethylhexyl)phthalate	BIS2EHP	F		0.0000			2.8	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10
4-Bromophenyl-phenyl ether	BPPE4	F		0.0000			1.01	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10
Butylbenzylphthalate	BBP	F		0.0000			1.19	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10
4-Chloro-3-methylphenol	C4M3PH	F		0.0000			1.48	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	20
4-Chloroaniline	CLANIL4	F		0.0000			1.63	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	20
2-Chlorophenol	CLPH2	F		0.0000			1.73	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10
4-Chlorophenyl-phenyl ether	CPPE4	F		0.0000			1.07	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10
2-Chloronaphthalene	CNPH2	F		0.0000			0.88	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10
Chrysene	CHRYSENE	F		0.0000			0.97	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10
Di-n-butylphthalate	DNPB	F		0.0000			1.67	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10
Di-n-octylphthalate	DNOP	F		0.0000			1.73	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10
Dibenzo(a,h)anthracene	DBZAHP	F		0.0000			1.52	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10
O-benzofuran	DBF	F		0.0000			1.13	12.7	PR	=	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10	
1,2-Dichlorobenzene	DCBZ12	F		0.0000			1.56	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10
1,3-Dichlorobenzene	DCBZ13	F		0.0000			1.58	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10
1,4-Dichlorobenzene	DCBZ14	F		0.0000			1.6	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10
3,3'-Dichlorobenzidine	DBZD33	F		0.0000			2.48	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	20
2,4-Dichlorophenol	DCP24	F		0.0000			1.6	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10
Diethylphthalate	DEPH	F		0.0000			1.43	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10
2,4-Dimethylphenol	DMP24	F		0.0000			1.33	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10
Dimethylphthalate	DMPH	F		0.0000			1.11	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10
2,6-Dinitrooluene	DNT26	F		0.0000			1.09	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10
2,4-Dinitrophenol	DNP24	F		0.0000			1.2	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	50
4,6-Dinitro-2-methylphenol	DN46M	F		0.0000			1.54	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	50
2,4-Dinitrotoluene	DNT24	F		0.0000			0.99	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10
Fluoranthene	FLA	F		0.0000			1.23	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10
Fluorene	FL	F		0.0000			1.07	14.0	PR	=	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10	
Hexachlorobenzene	HCLBZ	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10
Hexachlorobutadiene	HCBU	F		0.0000			1.45	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10
Hexachlorocyclopentadiene	HCCP	F		0.0000			1.86	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10
Hexachloroethane	HCLEA	F		0.0000			1.4	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10
Indeno(1,2,3-cd)pyrene	INP123	F		0.0000			1.4	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10
Isophorone	ISOP	F		0.0000			1.45	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10
2-Methylnaphthalene	MTNPH2	F		0.0000			1.46	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10
2-Methylphenol	MEPH2	F		0.0000			1.6	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10
4-Methylphenol	MEPH4	F		0.0000			1.66	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10
N-Nitroso-di-n-propylamine	NNSPR	F		0.0000			1.68	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10
N-Nitrosodiphenylamine	NNSPH	F		0.0000			1.15	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10
Naphthalene	NAPH	F		0.0000			1.21	36.1	PR	=	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10	
2-Nitroaniline	NO2ANIL2	F		0.0000			1.16	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	50
4-Nitroaniline	NO2ANIL4	F		0.0000			2.23	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	50
3-Nitroaniline	NO2ANIL3	F		0.0000			1.33	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	50
Nitrobenzene	NO2BZ	F		0.0000			1.5	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10
2-Nitrophenol	NTPH2	F		0.0000			1.41	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	10
4-Nitrophenol	NTPH4	F		0.0000			1.21	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972	03-19-96	50
Pentachlorophenol	PCP	F		0.0000			1.61	0	PR	U	ND	UG/L	06-May-96	0800	06-May-96	1131	SW3510	SW8270	5972		

Laboratory ID CERTES
Project No. 10K70200
Client ID CR-A 156103
Lab Sample ID 96-0908-12
Lab Batch No. S96-40

Date Received 02-May-96
Matrix/Basis S/D
Dilution Factor 1
Total Solids(%) 89

431 315

BTEX

Compound	Analyte Code	S	QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Benzene	BZ	F		0.0000	0.0004	0	PR	U	ND	MG/KG	08-May-96	1545	08-May-96	1615	SW5030	SW8020	GC3	02-20-96	0.002
Toluene	BZME	F		0.0000	0.0004	0	PR	U	ND	MG/KG	08-May-96	1545	08-May-96	1615	SW5030	SW8020	GC3	02-20-96	0.002
Ethylbenzene	EBZ	F		0.0000	0.0004	0	PR	U	ND	MG/KG	08-May-96	1545	08-May-96	1615	SW5030	SW8020	GC3	02-20-96	0.002
Xylenes	XYLEMES	F		0.0000	0.0004	0	PR	U	ND	MG/KG	08-May-96	1545	08-May-96	1615	SW5030	SW8020	GC3	02-20-96	0.002

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 156103
 Lab Sample ID: 96-0908-12
 Job Batch No.: S-0463
 Date Received: 02-May-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 89

431 316

Total Petroleum Hydrocarbons

Compound	Analyte Code	S	QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
TPH	PHC	F		0.0000	3.9	9.26	PR	J	TR	MG/KG	07-May-96	0900	07-May-96	1500	SW3550	E418.1	IR	05-07-96	10

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 158104
 Lab Sample ID 96-0908-13
 Lab Batch No. S96-40

Date Received 02-May-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 86.7

431 317

BTEX

Compound	Analyte Code	S	QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Benzene	BZ	F		0.0000	0.0004	0	PR	U	ND	MG/KG	08-May-96	1600	08-May-96	1632	SW5030	SW8020	GC3	02-20-96	0.002
Toluene	BZME	F		0.0000	0.0004	0	PR	U	ND	MG/KG	08-May-96	1600	08-May-96	1632	SW5030	SW8020	GC3	02-20-96	0.002
Ethylbenzene	EBZ	F		0.0000	0.0004	0	PR	U	ND	MG/KG	08-May-96	1600	08-May-96	1632	SW5030	SW8020	GC3	02-20-96	0.002
Xylenes	XYLEMES	F		0.0000	0.0004	0	PR	U	ND	MG/KG	08-May-96	1600	08-May-96	1632	SW5030	SW8020	GC3	02-20-96	0.002

Laboratory ID CERTES
Project No. 10K70200
Client ID CR-A 156104
Lab Sample ID 96-0908-13
Lab Batch No. S-0463

Date Received 02-May-96
Matrix/Basis S/D
Dilution Factor 1
Total Solids(%) 86.7

431 318

Total Petroleum Hydrocarbons

Compound	Analyte Code	S	QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
TPH	TPHC	F		0.0000	3.9	0.52	PR	J	TR	MG/KG	07-May-96	0900	07-May-96	1500	SW3550	E418.1	IR	05-07-96	10

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 156105
 Lab Sample ID 98-0908-14
 Lab Batch No. S96-40

Date Received 02-May-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 90.9

BTEX

431 319

Compound	Analyte Code	S	QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Benzene	BZ	F		0.0000	0.0004	0	PR	U	ND	MG/KG	08-May-96	1715	08-May-96	1744	SW5030	SW8020	GC3	02-20-96	0.002
Toluene	BZME	F		0.0000	0.0004	0	PR	U	ND	MG/KG	08-May-96	1715	08-May-96	1744	SW5030	SW8020	GC3	02-20-96	0.002
Ethylbenzene	EBZ	F		0.0000	0.0004	0	PR	U	ND	MG/KG	08-May-96	1715	08-May-96	1744	SW5030	SW8020	GC3	02-20-96	0.002
Xylenes	XYLEMES	F		0.0000	0.0004	0	PR	U	ND	MG/KG	08-May-96	1715	08-May-96	1744	SW5030	SW8020	GC3	02-20-96	0.002

Laboratory ID CERTES
Project No. 10K70200
Client ID CR-A 158105
Lab Sample ID 96-0908-14
1b Batch No. S-0463

Date Received 02-May-96
Matrix/Basis S/D
Dilution Factor 1
Total Solids(%) 90.9

431 320

Total Petroleum Hydrocarbons

Compound	Analyte Code	S	QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
TPH	PHC	F		0.0000	3.9	6.80	PR	J	TR	MG/KG	07-May-96	0900	07-May-96	1500	SW3550	E418.1	IR	05-07-96	10

Laboratory ID	CERTES
Project No.	10K70200
Client ID	CR-A 156108
Lab Sample ID	96-0908-15
Lab Batch No.	S96-40

Date Received 02-May-96
Matrix/Basis S/D
Dilution Factor 1
Total Solids(%) 89.6

131 321

BTEX

Compound	Analyte Code	S	QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Benzene	BZ	F		0.0000	0.0004	0	PR	U	ND	MG/KG	08-May-96	1925	08-May-96	1955	SW5030	SW8020	GC3	02-20-96	0.002
Toluene	BZME	F		0.0000	0.0004	0	PR	U	ND	MG/KG	08-May-96	1925	08-May-96	1955	SW5030	SW8020	GC3	02-20-96	0.002
Ethylbenzene	EBZ	F		0.0000	0.0004	0	PR	U	ND	MG/KG	08-May-96	1925	08-May-96	1955	SW5030	SW8020	GC3	02-20-96	0.002
Xylenes	XYLEMES	F		0.0000	0.0004	0	PR	U	ND	MG/KG	08-May-96	1925	08-May-96	1955	SW5030	SW8020	GC3	02-20-96	0.002

Laboratory ID CERTES
Project No. 10K70200
Client ID CR-A 156106
Lab Sample ID 96-0908-15
Lab Batch No. S-0463

Date Received 02-May-96
Matrix/Basis S/D
Dilution Factor 1
Total Solids(%) 89.6

431 322

Total Petroleum Hydrocarbons

Compound	Analyte Code	S	QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	POL
TPH	PHC	F		0.0000	3.9	34.5	PR	=		MG/KG	07-May-96	0900	07-May-96	1500	SW3550	E418.1	IR	05-07-96	10

Laboratory ID	CERTES
Project No.	10K70200
Client ID	CR-A 156107
Lab Sample ID	96-0908-16
Lab Tech No.	W96-45

Date Received 02-May-96
Matrix/Basis W/X
Dilution Factor 1
Total Solids(%) N/A

431 323

BTEX

Compound	Analyte Code	S QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Benzene	BZ	F	0.0000	0.16	0	PR	U	ND	UG/L	08-May-96	1315	08-May-96	1344	SW5030	SW8020	GC3	02-20-96	1
Toluene	BZME	F	0.0000	0.09	0	PR	U	ND	UG/L	08-May-96	1315	08-May-96	1344	SW5030	SW8020	GC3	02-20-96	1
Ethylbenzene	EBZ	F	0.0000	0.1	0	PR	U	ND	UG/L	08-May-96	1315	08-May-96	1344	SW5030	SW8020	GC3	02-20-96	1
Xylenes	XYLEMES	F	0.0000	0.3	0.8	PR	J	TR	UG/L	08-May-96	1315	08-May-96	1344	SW5030	SW8020	GC3	02-20-96	1

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 110801
 Lab Sample ID 96-0908-17
 Batch No. 98S28

Date Received 02-May-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 80.4

431 324

Volatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	POL
Acetone	ACE	F		0.0000			0.01	0	PR	U	ND	MG/KG	06-May-96	1317	06-May-96	1341	SW5030	SW8240	5971	03-22-96	0.1
Benzene	BZ	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1317	06-May-96	1341	SW5030	SW8240	5971	03-22-96	0.005
Bromodichloromethane	BDCME	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1317	06-May-96	1341	SW5030	SW8240	5971	03-22-96	0.005
Bromoform	TBME	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1317	06-May-96	1341	SW5030	SW8240	5971	03-22-96	0.005
Bromomethane	BRME	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1317	06-May-96	1341	SW5030	SW8240	5971	03-22-96	0.01
2-Butanone	MEK	F		0.0000			0.005	0	PR	U	ND	MG/KG	06-May-96	1317	06-May-96	1341	SW5030	SW8240	5971	03-22-96	0.05
Carbon disulfide	CDS	F		0.0000			0.01	0	PR	U	ND	MG/KG	06-May-96	1317	06-May-96	1341	SW5030	SW8240	5971	03-22-96	0.005
Carbon tetrachloride	CTCL	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1317	06-May-96	1341	SW5030	SW8240	5971	03-22-96	0.005
Chlorobenzene	CLBZ	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1317	06-May-96	1341	SW5030	SW8240	5971	03-22-96	0.005
Chlorodibromomethane	BDCME	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1317	06-May-96	1341	SW5030	SW8240	5971	03-22-96	0.005
Chloroethane	CLEA	F		0.0000			0.002	0	PR	U	ND	MG/KG	06-May-96	1317	06-May-96	1341	SW5030	SW8240	5971	03-22-96	0.01
2-Chloroethyl vinyl ether	CEVETH	F		0.0000			0.005	0	PR	U	ND	MG/KG	06-May-96	1317	06-May-96	1341	SW5030	SW8240	5971	03-22-96	0.01
Chloroform	TCLME	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1317	06-May-96	1341	SW5030	SW8240	5971	03-22-96	0.005
Chloromethane	CLME	F		0.0000			0.002	0	PR	U	ND	MG/KG	06-May-96	1317	06-May-96	1341	SW5030	SW8240	5971	03-22-96	0.01
1,1-Dichloroethane	DCA11	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1317	06-May-96	1341	SW5030	SW8240	5971	03-22-96	0.005
1,2-Dichloroethane	DCA12	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1317	06-May-96	1341	SW5030	SW8240	5971	03-22-96	0.005
1,1-Dichloroethene	DCE11	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1317	06-May-96	1341	SW5030	SW8240	5971	03-22-96	0.005
cis-1, 2-Dichloroethene	DCE12C	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1317	06-May-96	1341	SW5030	SW8240	5971	03-22-96	0.005
trans-1, 2-Dichloroethene	DCE12T	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1317	06-May-96	1341	SW5030	SW8240	5971	03-22-96	0.005
1,2-Dichloropropane	DCP12	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1317	06-May-96	1341	SW5030	SW8240	5971	03-22-96	0.005
cis-1, 3-Dichloropropene	DCP13C	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1317	06-May-96	1341	SW5030	SW8240	5971	03-22-96	0.005
trans-1, 3-Dichloropropene	DCP13T	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1317	06-May-96	1341	SW5030	SW8240	5971	03-22-96	0.005
Ethylbenzene	EBZ	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1317	06-May-96	1341	SW5030	SW8240	5971	03-22-96	0.005
2-Hexanone	HXO2	F		0.0000			0.006	0	PR	U	ND	MG/KG	06-May-96	1317	06-May-96	1341	SW5030	SW8240	5971	03-22-96	0.05
Methylene chloride	MTLNCL	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1317	06-May-96	1341	SW5030	SW8240	5971	03-22-96	0.005
4-Methyl-2-pentanone	MIBK	F		0.0000			0.005	0	PR	U	ND	MG/KG	06-May-96	1317	06-May-96	1341	SW5030	SW8240	5971	03-22-96	0.05
Styrene	STY	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1317	06-May-96	1341	SW5030	SW8240	5971	03-22-96	0.005
1,1,2,2-Tetrachloroethane	PCA	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1317	06-May-96	1341	SW5030	SW8240	5971	03-22-96	0.005
Tetrachloroethene	PCE	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1317	06-May-96	1341	SW5030	SW8240	5971	03-22-96	0.005
Toluene	BZME	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1317	06-May-96	1341	SW5030	SW8240	5971	03-22-96	0.005
1,1,1-Trichloroethane	TCA111	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1317	06-May-96	1341	SW5030	SW8240	5971	03-22-96	0.005
Trichloroethane	TCA112	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1317	06-May-96	1341	SW5030	SW8240	5971	03-22-96	0.005
Trichloroethene	TCE	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1317	06-May-96	1341	SW5030	SW8240	5971	03-22-96	0.005
Vinyl acetate	VA	F		0.0000			0.01	0	PR	U	ND	MG/KG	06-May-96	1317	06-May-96	1341	SW5030	SW8240	5971	03-22-96	0.05
Vinyl chloride	VC	F		0.0000			0.002	0	PR	U	ND	MG/KG	06-May-96	1317	06-May-96	1341	SW5030	SW8240	5971	03-22-96	0.01
Xylenes	XYLENES	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1317	06-May-96	1341	SW5030	SW8240	5971	03-22-96	0.005
Dibromoform (SS)	DBFM	T		100	76	114		95.4	PR	%	MG/KG	06-May-96	1317	06-May-96	1341	SW5030	SW8240	5971	03-22-96		
Toluene-d8 (SS)	BZMED8	T		100	88	110		94.2	PR	%	MG/KG	06-May-96	1317	06-May-96	1341	SW5030	SW8240	5971	03-22-96		
Bromofluorobenzene (SS)	BR4FBZ	T		100	86	115		88.6	PR	%	MG/KG	06-May-96	1317	06-May-96	1341	SW5030	SW8240	5971	03-22-96		

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 110802
 Lab Sample ID 96-0908-18
 Lab Batch No. PSTS-0021

Date Received 02-May-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 80

431 325

Pesticides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000			1E-04	0	PR	U	ND	MG/KG	10-May-96	1125	12-May-96	1354	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000			2E-04	0	PR	U	ND	MG/KG	10-May-96	1125	12-May-96	1354	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000			3E-04	0	PR	U	ND	MG/KG	10-May-96	1125	12-May-96	1354	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDelta	F		0.0000			4E-04	0	PR	U	ND	MG/KG	10-May-96	1125	12-May-96	1354	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			1E-04	0	PR	U	ND	MG/KG	10-May-96	1125	12-May-96	1354	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000			0.005	0	PR	U	ND	MG/KG	10-May-96	1125	12-May-96	1354	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000			0.002	0	PR	U	ND	MG/KG	10-May-96	1125	12-May-96	1354	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000			2E-04	0	PR	U	ND	MG/KG	10-May-96	1125	12-May-96	1354	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDT	DDT44	F		0.0000			5E-04	0	PR	U	ND	MG/KG	10-May-96	1125	12-May-96	1354	SW3550	SW8080	GC2	03-12-96	0.008
Dieldrin	DIELDRIN	F		0.0000			1E-04	0	PR	U	ND	MG/KG	10-May-96	1125	12-May-96	1354	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F		0.0000			2E-04	0	PR	U	ND	MG/KG	10-May-96	1125	12-May-96	1354	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000			0.002	0	PR	U	ND	MG/KG	10-May-96	1125	12-May-96	1354	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000			1E-04	0	PR	U	ND	MG/KG	10-May-96	1125	12-May-96	1354	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000			1E-04	0	PR	U	ND	MG/KG	10-May-96	1125	12-May-96	1354	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000			0.002	0	PR	U	ND	MG/KG	10-May-96	1125	12-May-96	1354	SW3550	SW8080	GC2	03-12-96	0.004
Heptachlor	HEPTACHLOR	F		0.0000			4E-04	0	PR	U	ND	MG/KG	10-May-96	1125	12-May-96	1354	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor epoxide	HEPT-EPOX	F		0.0000			2E-04	0	PR	U	ND	MG/KG	10-May-96	1125	12-May-96	1354	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000			9E-04	0	PR	U	ND	MG/KG	10-May-96	1125	12-May-96	1354	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000			0.005	0	PR	U	ND	MG/KG	10-May-96	1125	12-May-96	1354	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T		100	60	150		122	PR	%		MG/KG	10-May-96	1125	12-May-96	1354	SW3550	SW8080	GC2	03-12-96	
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T		100	60	150		97	PR	%		MG/KG	10-May-96	1125	12-May-96	1354	SW3550	SW8080	GC2	03-12-96	

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 110804
 Lab Sample ID: 96-0908-20
 Job Batch No.: 1295

Date Received: 02-May-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 77.6

431 326

CP Metals

Compound	Analyte Code	S	QC	Spike Level	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aluminum	AL	F		0.0000	5	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	50
Antimony	SB	F		0.0000	1	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	40
Arsenic	AS	F		0.0000	3	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	60
Barium	BA	F		0.0000	0.4	30.9	PR		=	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	2
Beryllium	BE	F		0.0000	0.06	0.773	PR		=	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	0.3
Cadmium	CD	F		0.0000	0.9	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	4
Calcium	CA	F		0.0000	2	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	10
Chromium	CR	F		0.0000	1	5.80	PR	J	TR	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	7
Cobalt	CO	F		0.0000	1	6.96	PR	J	TR	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	7
Copper	CU	F		0.0000	0.7	5.41	PR	J	TR	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	6
Iron	FE	F		0.0000	1	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	7
Lead	PB	F		0.0000	3	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	50
Magnesium	MG	F		0.0000	3	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	30
Manganese	MN	F		0.0000	0.2	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	2
Molybdenum	MO	F		0.0000	1	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	8
Nickel	NI	F		0.0000	1	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	15
Potassium	K	F		0.0000	100	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	500
Selenium	SE	F		0.0000	4	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	80
Silver	AG	F		0.0000	1	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	7
Sodium	NA	F		0.0000	5	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	30
Thallium	TL	F		0.0000	4	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	40
Vanadium	V	F		0.0000	0.8	10.2	PR		=	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	8
Zinc	ZN	F		0.0000	0.2	34.1	PR		=	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	2

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 110804
 Lab Sample ID 96-0908-20
 Lab Batch No. 1295/98/99

Date Received 02-May-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 77.6

431 327

Metals

Compound	Analyte Code	S	QC	Spike Level	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Antimony	SB	F		0.0000	0.1	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1100	SW3050	SW7041	PE	05-07-96	0.5
Arsenic	AS	F		0.0000	0.1	0.876	PR	=	=	MG/KG	06-May-96	0900	07-May-96	1100	SW3050	SW7060	PE	05-07-96	0.5
Cadmium	CD	F		0.0000	0.02	0.052	PR	J	TR	MG/KG	06-May-96	0900	07-May-96	1100	SW3050	SW7131	PE	05-07-96	0.1
Lead	PB	F		0.0000	0.1	6.18	PR	=	=	MG/KG	06-May-96	0900	07-May-96	1100	SW3050	SW7421	PE	05-07-96	0.5
Mercury	HG	F		0.0000	0.02	0	PR	U	ND	MG/KG	03-May-96	0900	03-May-96	1400	SW7471	SW7471	PE	05-03-96	0.1
Nickel	NI	F		0.0000	0.2	20.1	PR	=	=	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	1
Selenium	SE	F		0.0000	0.1	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1100	SW3050	SW7740	PE	05-07-96	0.5
Silver	AG	F		0.0000	0.02	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1100	SW3050	SW7761	PE	05-07-96	0.1

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 110805
 Lab Sample ID: 96-0908-21
 Lab Batch No.: SVS83

Date Received: 02-May-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 78.5

431 328

SemiVolatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acenaphthene	ACNP	F		0.0000			35	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
Acenaphthylene	ACNPY	F		0.0000			35	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
Anthracene	ANTH	F		0.0000			38	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
Benzo(a)anthracene	BZAA	F		0.0000			26.1	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
Benzo(a)pyrene	BZAP	F		0.0000			41.9	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
Benzo(b)fluoranthene	BZBF	F		0.0000			33.3	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
Benzo(g,h,i)perylene	BZGHIP	F		0.0000			54.8	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
Benzo(k)fluoranthene	BZKF	F		0.0000			86.5	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
Benzoic acid	BZACID	F		0.0000			59.1	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	1650	
Benzyl alcohol	BZLAL	F		0.0000			47.9	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	660	
bis(2-Chloroethoxy)methane	BECEM	F		0.0000			43.6	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
bis(2-Chloroethyl)ether	BIS2CEE	F		0.0000			51.2	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
bis(2-Chloroisopropyl)ether	BIS2CIE	F		0.0000			55.8	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
bis(2-Ethylhexyl)phthalate	BIS2EHP	F		0.0000			92.4	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
4-Bromophenyl-phenyl ether	BPP4	F		0.0000			33.3	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
Butylbenzylphthalate	BBP	F		0.0000			39.3	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
4-Chloro-3-methylphenol	C4M3PH	F		0.0000			48.8	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	660	
4-Chloroaniline	CLANIL4	F		0.0000			53.8	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	660	
2-Chlorophenol	CLPH2	F		0.0000			57.1	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
4-Chlorophenyl-phenyl ether	CPPE4	F		0.0000			35.3	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
2-Chloronaphthalene	CNPH2	F		0.0000			29	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
Chrysene	CHRYSENE	F		0.0000			32	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
Di-n-butylphthalate	DNPB	F		0.0000			55.1	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
Di-n-octylphthalate	DNOP	F		0.0000			57.1	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
Dibenzo(a,h)anthracene	DBZAHP	F		0.0000			50.2	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
Dibenzofuran	DBF	F		0.0000			37.3	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
1,2-Dichlorobenzene	DCBZ12	F		0.0000			51.5	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
1,3-Dichlorobenzene	DCBZ13	F		0.0000			52.1	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
1,4-Dichlorobenzene	DCBZ14	F		0.0000			52.8	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
3,3'-Dichlorobenzidine	DBZD33	F		0.0000			81.8	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	660	
2,4-Dichlorophenol	DCP24	F		0.0000			52.8	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
Diethylphthalate	DEPH	F		0.0000			47.2	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
2,4-Dimethylphenol	DMP24	F		0.0000			43.9	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
Dimethylphthalate	DMPH	F		0.0000			36.6	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
2,6-Dintrotoluene	DNT26	F		0.0000			36	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
2,4-Dinitrophenol	DNP24	F		0.0000			39.6	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	1650	
6-Dinitro-2-methylphenol	DN46M	F		0.0000			50.8	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	1650	
2,4-Dintrotoluene	DNT24	F		0.0000			32.7	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
Fluoranthene	FLA	F		0.0000			40.6	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
Fluorene	FL	F		0.0000			35.3	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
Hexachlorobenzene	HCLBZ	F		0.0000			33	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
Hexachlorobutadiene	HCBU	F		0.0000			47.9	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
Hexachlorocyclopentadiene	HCCP	F		0.0000			61.4	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
Hexachloroethane	HCLEA	F		0.0000			46.2	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
Indeno(1,2,3-cd)pyrene	INP123	F		0.0000			54.5	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
Isophorone	ISOP	F		0.0000			47.9	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
2-Methylnaphthalene	MTNPH2	F		0.0000			48.2	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
2-Methylphenol	MEPH2	F		0.0000			52.8	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
4-Methylphenol	MEPH4	F		0.0000			54.8	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
N-Nitroso-di-n-propylamine	NNSPR	F		0.0000			55.4	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
N-Nitrosodiphenylamine	NNSPH	F		0.0000			38	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
Naphthalene	NAPH	F		0.0000			39.9	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
2-Nitroaniline	NO2ANIL2	F		0.0000			38.3	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	1650	
4-Nitroaniline	NO2ANIL4	F		0.0000			73.6	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	1650	
3-Nitroaniline	NO2ANIL3	F		0.0000			43.9	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	1650	
Nitrobenzene	NO2BZ	F		0.0000			49.5	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
2-Nitrophenol	NTPH2	F		0.0000			46.5	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	330	
4-Nitrophenol	NTPH4	F		0.0000			39.9	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	1650	
Pentachlorophenol	PCP	F		0.0000			53.1	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2000	SW3550	SW8270	5972	03-19-96	1650	
Phenanthrene	PHAN	F		0.0000			29	0	PR U	ND	UG/KG	06-May-96	0900	06-May							

Laboratory ID CERTES
Project No. 10K70200
Client ID CR-A 110806
Lab Sample ID 96-0908-22
Lab Batch No. S-0463

Date Received 02-May-96
Matrix/Basis SD
Dilution Factor 1
Total Solids(%) 79.5

431 329

Total Petroleum Hydrocarbons

Compound	Analyte Code	S	QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
TPH	PHC	F		0.0000	3.9	18.1	PR		=	MG/KG	07-May-96	0900	07-May-96	1500	SW3550	E418.1	IR	05-07-96	10

Laboratory ID CERTES
Project No. 10K70200
Client ID CR-A 110807
Lab Sample ID 96-0908-23
Lab Batch No. S-0463

Date Received 02-May-96
Matrix/Basis S/D
Dilution Factor 1
Total Solids(%) 85.9

431 330

Total Petroleum Hydrocarbons

Compound	Analyte Code	S	QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
TPH	PHC	F		0.0000	3.9	19.2	PR	-	-	MG/KG	07-May-96	0900	07-May-96	1500	SW3550	E418.1	IR	05-07-96	10

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 111001
 Lab Sample ID 96-0908-24
 Lab Batch No. 96W29

Date Received 02-May-96
 Matrix/Basis W/X
 Dilution Factor 1
 Total Solids(%) N/A

431 331

Volatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acetone	ACE	F		0.0000			10	0	PR	U	ND	UG/L	08-May-96	1154	08-May-96	1216	SW5030	SW8240	5971	03-22-96	100
Benzene	BZ	F		0.0000			1	0	PR	U	ND	UG/L	08-May-96	1154	08-May-96	1216	SW5030	SW8240	5971	03-22-96	5
Bromodichloromethane	BDCME	F		0.0000			2	0	PR	U	ND	UG/L	08-May-96	1154	08-May-96	1216	SW5030	SW8240	5971	03-22-96	5
Bromoform	TBME	F		0.0000			1	0	PR	U	ND	UG/L	08-May-96	1154	08-May-96	1216	SW5030	SW8240	5971	03-22-96	5
Bromomethane	BRME	F		0.0000			2	0	PR	U	ND	UG/L	08-May-96	1154	08-May-96	1216	SW5030	SW8240	5971	03-22-96	10
2-Butanone	MEK	F		0.0000			6	0	PR	U	ND	UG/L	08-May-96	1154	08-May-96	1216	SW5030	SW8240	5971	03-22-96	50
Carbon disulfide	CDS	F		0.0000			1	0	PR	U	ND	UG/L	08-May-96	1154	08-May-96	1216	SW5030	SW8240	5971	03-22-96	5
Carbon tetrachloride	CTCL	F		0.0000			1	0	PR	U	ND	UG/L	08-May-96	1154	08-May-96	1216	SW5030	SW8240	5971	03-22-96	5
Chlorobenzene	CLBZ	F		0.0000			1	0	PR	U	ND	UG/L	08-May-96	1154	08-May-96	1216	SW5030	SW8240	5971	03-22-96	5
Chlorodibromomethane	BDCME	F		0.0000			1	0	PR	U	ND	UG/L	08-May-96	1154	08-May-96	1216	SW5030	SW8240	5971	03-22-96	5
Chloroethane	CLEA	F		0.0000			2	0	PR	U	ND	UG/L	08-May-96	1154	08-May-96	1216	SW5030	SW8240	5971	03-22-96	10
2-Chloroethyl vinyl ether	CEVETH	F		0.0000			5	0	PR	U	ND	UG/L	08-May-96	1154	08-May-96	1216	SW5030	SW8240	5971	03-22-96	10
Chloroform	TCLME	F		0.0000			1	0	PR	U	ND	UG/L	08-May-96	1154	08-May-96	1216	SW5030	SW8240	5971	03-22-96	5
Chloromethane	CLME	F		0.0000			1	0	PR	U	ND	UG/L	08-May-96	1154	08-May-96	1216	SW5030	SW8240	5971	03-22-96	10
1,1-Dichloroethane	DCA11	F		0.0000			1	0	PR	U	ND	UG/L	08-May-96	1154	08-May-96	1216	SW5030	SW8240	5971	03-22-96	5
1,2-Dichloroethane	DCA12	F		0.0000			1	0	PR	U	ND	UG/L	08-May-96	1154	08-May-96	1216	SW5030	SW8240	5971	03-22-96	5
1,1-Dichloroethene	DCE11	F		0.0000			1	0	PR	U	ND	UG/L	08-May-96	1154	08-May-96	1216	SW5030	SW8240	5971	03-22-96	5
cis-1, 2-Dichloroethene	DCE12C	F		0.0000			1	0	PR	U	ND	UG/L	08-May-96	1154	08-May-96	1216	SW5030	SW8240	5971	03-22-96	5
trans-1, 2-Dichloroethene	DCE12T	F		0.0000			1	0	PR	U	ND	UG/L	08-May-96	1154	08-May-96	1216	SW5030	SW8240	5971	03-22-96	5
1,2-Dichloropropane	DCPA12	F		0.0000			1	0	PR	U	ND	UG/L	08-May-96	1154	08-May-96	1216	SW5030	SW8240	5971	03-22-96	5
cis-1, 3-Dichloropropene	DCP13C	F		0.0000			1	0	PR	U	ND	UG/L	08-May-96	1154	08-May-96	1216	SW5030	SW8240	5971	03-22-96	5
trans-1, 3-Dichloropropene	DCP13T	F		0.0000			1	0	PR	U	ND	UG/L	08-May-96	1154	08-May-96	1216	SW5030	SW8240	5971	03-22-96	5
Ethylbenzene	EBZ	F		0.0000			1	0	PR	U	ND	UG/L	08-May-96	1154	08-May-96	1216	SW5030	SW8240	5971	03-22-96	5
2-Hexanone	HXO2	F		0.0000			6	0	PR	U	ND	UG/L	08-May-96	1154	08-May-96	1216	SW5030	SW8240	5971	03-22-96	50
Methylene chloride	MTLNCL	F		0.0000			3	0	PR	U	ND	UG/L	08-May-96	1154	08-May-96	1216	SW5030	SW8240	5971	03-22-96	5
4-Methyl-2-pentanone	MIBK	F		0.0000			5	0	PR	U	ND	UG/L	08-May-96	1154	08-May-96	1216	SW5030	SW8240	5971	03-22-96	50
Styrene	STY	F		0.0000			1	0	PR	U	ND	UG/L	08-May-96	1154	08-May-96	1216	SW5030	SW8240	5971	03-22-96	5
1,1,2,2-Tetrachloroethane	PCA	F		0.0000			1	0	PR	U	ND	UG/L	08-May-96	1154	08-May-96	1216	SW5030	SW8240	5971	03-22-96	5
Tetrachloroethene	PCE	F		0.0000			1	0	PR	U	ND	UG/L	08-May-96	1154	08-May-96	1216	SW5030	SW8240	5971	03-22-96	5
Toluene	BZME	F		0.0000			1	0	PR	U	ND	UG/L	08-May-96	1154	08-May-96	1216	SW5030	SW8240	5971	03-22-96	5
1,1,1-Trichloroethane	TCA111	F		0.0000			1	0	PR	U	ND	UG/L	08-May-96	1154	08-May-96	1216	SW5030	SW8240	5971	03-22-96	5
1,1,2-Trichloroethane	TCA112	F		0.0000			2	0	PR	U	ND	UG/L	08-May-96	1154	08-May-96	1216	SW5030	SW8240	5971	03-22-96	
Trichloroethene	TCE	F		0.0000			1	0	PR	U	ND	UG/L	08-May-96	1154	08-May-96	1216	SW5030	SW8240	5971	03-22-96	
Vinyl acetate	VA	F		0.0000			10	0	PR	U	ND	UG/L	08-May-96	1154	08-May-96	1216	SW5030	SW8240	5971	03-22-96	
Vinyl chloride	VC	F		0.0000			2	0	PR	U	ND	UG/L	08-May-96	1154	08-May-96	1216	SW5030	SW8240	5971	03-22-96	10
Xylenes	XYLEMES	F		0.0000			1	0	PR	U	ND	UG/L	08-May-96	1154	08-May-96	1216	SW5030	SW8240	5971	03-22-96	5
Dibromo fluromethane (SS)	DBFM	T		100	78	114		98	PR		%	UG/L	08-May-96	1154	08-May-96	1216	SW5030	SW8240	5971	03-22-96	
Toluene-d8 (SS)	BZMED8	T		100	88	110		101	PR		%	UG/L	08-May-96	1154	08-May-96	1216	SW5030	SW8240	5971	03-22-96	
Bromo fluorobenzene (SS)	BR4FBZ	T		100	86	115		87.8	PR		%	UG/L	08-May-96	1154	08-May-96	1216	SW5030	SW8240	5971	03-22-96	

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 111002
 Lab Sample ID 96-0908-25
 1st Batch No. PSTL-0021

Date Received 02-May-96
 Matrix/Basis W/X
 Dilution Factor 1
 Total Solids(%) N/A

431 332

Inicides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000			0.02	0	PR	U	ND	UG/L	10-May-96	1425	12-May-96	1354	SW3510	SW8080	GC2	03-12-96	0.04
Alpha-BHC	BHCALPHA	F		0.0000			0.01	0	PR	U	ND	UG/L	10-May-96	1425	12-May-96	1354	SW3510	SW8080	GC2	03-12-96	0.03
Beta-BHC	BHCBETA	F		0.0000			0.02	0	PR	U	ND	UG/L	10-May-96	1425	12-May-96	1354	SW3510	SW8080	GC2	03-12-96	0.06
Delta-BHC	BHCDELTA	F		0.0000			0.02	0	PR	U	ND	UG/L	10-May-96	1425	12-May-96	1354	SW3510	SW8080	GC2	03-12-96	0.09
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			0.01	0	PR	U	ND	UG/L	10-May-96	1425	12-May-96	1354	SW3510	SW8080	GC2	03-12-96	0.04
Chlordane	CHLORDANE	F		0.0000			0.14	0	PR	U	ND	UG/L	10-May-96	1425	12-May-96	1354	SW3510	SW8080	GC2	03-12-96	0.14
4,4'-DDD	DDD44	F		0.0000			0.02	0	PR	U	ND	UG/L	10-May-96	1425	12-May-96	1354	SW3510	SW8080	GC2	03-12-96	0.11
4,4'-DDE	DDE44	F		0.0000			0.02	0	PR	U	ND	UG/L	10-May-96	1425	12-May-96	1354	SW3510	SW8080	GC2	03-12-96	0.04
4,4'-DDT	DDT44	F		0.0000			0.02	0	PR	U	ND	UG/L	10-May-96	1425	12-May-96	1354	SW3510	SW8080	GC2	03-12-96	0.12
Dieldrin	DIELDRIN	F		0.0000			0.01	0	PR	U	ND	UG/L	10-May-96	1425	12-May-96	1354	SW3510	SW8080	GC2	03-12-96	0.02
Endosulfan I	ENDOSULFANA	F		0.0000			0.01	0	PR	U	ND	UG/L	10-May-96	1425	12-May-96	1354	SW3510	SW8080	GC2	03-12-96	0.14
Endosulfan II	ENDOSULFANB	F		0.0000			0.01	0	PR	U	ND	UG/L	10-May-96	1425	12-May-96	1354	SW3510	SW8080	GC2	03-12-96	0.04
Endosulfan sulfate	ENDOSULFANS	F		0.0000			0.01	0	PR	U	ND	UG/L	10-May-96	1425	12-May-96	1354	SW3510	SW8080	GC2	03-12-96	0.66
Endrin	ENDRIN	F		0.0000			0.01	0	PR	U	ND	UG/L	10-May-96	1425	12-May-96	1354	SW3510	SW8080	GC2	03-12-96	0.06
Endrin aldehyde	ENDRINALD	F		0.0000			0.01	0	PR	U	ND	UG/L	10-May-96	1425	12-May-96	1354	SW3510	SW8080	GC2	03-12-96	0.23
Heptachlor	HEPTACHLOR	F		0.0000			0.01	0	PR	U	ND	UG/L	10-May-96	1425	12-May-96	1354	SW3510	SW8080	GC2	03-12-96	0.03
Heptachlor epoxide	HEPT-EPOX	F		0.0000			0.04	0	PR	U	ND	UG/L	10-May-96	1425	12-May-96	1354	SW3510	SW8080	GC2	03-12-96	0.83
Methoxychlor	MTXYCL	F		0.0000			0.06	0	PR	U	ND	UG/L	10-May-96	1425	12-May-96	1354	SW3510	SW8080	GC2	03-12-96	1.76
Toxaphene	TOXAP	F		0.0000			0.1	0	PR	U	ND	UG/L	10-May-96	1425	12-May-96	1354	SW3510	SW8080	GC2	03-12-96	2.4
Decachlorobiphenyl (SS)	CL10BZ2	T		100	60	150		140	PR	%		UG/L	10-May-96	1425	12-May-96	1354	SW3510	SW8080	GC2	03-12-96	
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T		100	60	150		70	PR	%		UG/L	10-May-96	1425	12-May-96	1354	SW3510	SW8080	GC2	03-12-96	

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 111004
 Lab Sample ID 96-0908-27
 Lab Batch No. 1296

Date Received 02-May-96
 Matrix/Basis W/X
 Dilution Factor 1
 Total Solids(%) N/A

431 333

ICP Metals

Compound	Analyte Code	S	QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aluminum	AL	F		0.0000	0.05	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.5
Antimony	SB	F		0.0000	0.01	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.4
Arsenic	AS	F		0.0000	0.03	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.6
Barium	BA	F		0.0000	0.004	0.005	PR	J	TR	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.02
Beryllium	BE	F		0.0000	0.0006	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0
Cadmium	CD	F		0.0000	0.009	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.04
Calcium	CA	F		0.0000	0.02	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.1
Chromium	CR	F		0.0000	0.01	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.07
Cobalt	CO	F		0.0000	0.01	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.07
Copper	CU	F		0.0000	0.007	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.06
Iron	FE	F		0.0000	0.01	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.07
Lead	PB	F		0.0000	0.03	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.5
Magnesium	MG	F		0.0000	0.03	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.3
Manganese	MN	F		0.0000	0.002	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.02
Molybdenum	MO	F		0.0000	0.01	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.08
Nickel	NI	F		0.0000	0.01	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.15
Potassium	K	F		0.0000	1	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	5
Selenium	SE	F		0.0000	0.04	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.8
Silver	AG	F		0.0000	0.01	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.07
Sodium	NA	F		0.0000	0.05	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.3
Thallium	TL	F		0.0000	0.04	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.4
Vanadium	V	F		0.0000	0.008	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.08
Zinc	ZN	F		0.0000	0.002	0.02	PR	=		MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.02

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 111004
 Lab Sample ID: 96-0908-27
 Job Batch No.: 1296/97/1300

Date Received: 02-May-96
 Matrix/Basis: W/X
 Dilution Factor: 1
 Total Solids(%): N/A

431 334

étales

Compound	Analyte Code	S	QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Antimony	SB	F		0.0000	0.003	0	PR	U	ND	MG/L	06-May-96	1000	07-May-96	1200	SW3010	SW7040	PE	05-07-96	0.005
Arsenic	AS	F		0.0000	0.005	0.002	PR	J	TR	MG/L	06-May-96	1000	07-May-96	1200	SW3010	SW7060	PE	05-07-96	0.005
Cadmium	CD	F		0.0000	0.001	0	PR	U	ND	MG/L	06-May-96	1000	07-May-96	1200	SW3010	SW7130	PE	05-07-96	0.001
Lead	PB	F		0.0000	0.002	0.001	PR	J	TR	MG/L	06-May-96	1000	07-May-96	1200	SW3010	SW7421	PE	05-07-96	0.005
Mercury	HG	F		0.0000	0.001	0	PR	U	ND	MG/L	03-May-96	1000	03-May-96	1500	SW7470	SW7470	PE	05-03-96	0.001
Nickel	NI	F		0.0000	0.005	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.01
Selenium	SE	F		0.0000	0.005	0	PR	U	ND	MG/L	06-May-96	1000	07-May-96	1200	SW3010	SW7740	PE	05-07-96	0.005
Silver	AG	F		0.0000	0.001	0	PR	U	ND	MG/L	06-May-96	1000	07-May-96	1200	SW3010	SW7760	PE	05-07-96	0.001

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 111005
 Lab Sample ID 96-0908-28
 Lab Batch No. SWV44

Date Received 02-May-96
 Matrix/Basis W/X
 Dilution Factor 1
 Total Solids(%) N/A

431 335

SemiVolatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Math	Anly Meth	Inst ID	CAL	PQL
Acenaphthene	ACNP	F		0.0000			1.06	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
Acenaphthylene	ACNPY	F		0.0000			1.06	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
Anthracene	ANTH	F		0.0000			1.15	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
Benz(a)anthracene	BZAA	F		0.0000			0.79	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
Benz(a)pyrene	BZAP	F		0.0000			1.27	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
Benz(b)fluoranthene	BZBF	F		0.0000			1.01	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
Benz(g,h)perylene	BZGHIP	F		0.0000			1.66	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
Benz(k)fluoranthene	BZKF	F		0.0000			2.62	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
Benzoin acid	BZACID	F		0.0000			1.79	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	50
Benzyl alcohol	BZLAL	F		0.0000			1.45	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	20
bis(2-Chloroethoxy)methane	BECEM	F		0.0000			1.32	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
bis(2-Chloroethyl)ether	BIS2CEE	F		0.0000			1.55	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
bis(2-Chloroisopropyl)ether	BIS2CIE	F		0.0000			1.89	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
bis(2-Ethylhexyl)phthalate	BIS2EHP	F		0.0000			2.8	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
4-Bromophenyl-phenyl ether	BPPE4	F		0.0000			1.01	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
Butylbenzylphthalate	BBP	F		0.0000			1.19	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
4-Chloro-3-methylphenol	C4M3PH	F		0.0000			1.48	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	20
4-Chloraniline	CLANIL4	F		0.0000			1.63	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
2-Chlorophenol	CLPH2	F		0.0000			1.73	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
4-Chlorophenyl-phenyl ether	CPPE4	F		0.0000			1.07	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
2-Chloronaphthalene	CNPH2	F		0.0000			0.88	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
Chrysene	CHRYSENE	F		0.0000			0.97	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
Oi-n-butylphthalate	DNPB	F		0.0000			1.67	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
Oi-n-octylphthalate	DNOP	F		0.0000			1.73	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
Dibenzo(a,h)anthracene	DBZAHP	F		0.0000			1.52	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
Dibenzofuran	DBF	F		0.0000			1.13	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
1,2-Dichlorobenzene	DCBZ12	F		0.0000			1.56	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
1,3-Dichlorobenzene	DCBZ13	F		0.0000			1.58	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
1,4-Dichlorobenzene	DCBZ14	F		0.0000			1.8	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
3,3'-Dichlorobenzidine	DBZD33	F		0.0000			2.48	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	20
2,4-Dichlorophenol	DCP24	F		0.0000			1.6	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
Diethylphthalate	DEPH	F		0.0000			1.43	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
2,4-Dimethylphenol	DMP24	F		0.0000			1.33	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
Dimethylphthalate	DMPH	F		0.0000			1.11	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
2,6-Dinitrotoluene	DNT26	F		0.0000			1.09	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
2,4-Dinitrophenol	DNP24	F		0.0000			1.2	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	50
4,6-Dinitro-2-methylphenol	DN46M	F		0.0000			1.54	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	50
2,4-Dinitrotoluene	DNT24	F		0.0000			0.99	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
Fluoranthene	FLA	F		0.0000			1.23	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
Fluorene	FL	F		0.0000			1.07	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
Hexachlorobenzene	HCLBZ	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
Hexachlorobutadiene	HCBU	F		0.0000			1.45	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
Hexachlorocyclopentadiene	HCCP	F		0.0000			1.86	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
Hexachloroethane	HCLEA	F		0.0000			1.4	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
Indeno(1,2,3-cd)pyrene	INP123	F		0.0000			1.4	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
Isophorone	ISOP	F		0.0000			1.45	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
2-Methylnaphthalene	MTPN2	F		0.0000			1.46	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
2-Methylphenol	MEPH2	F		0.0000			1.6	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
4-Methylphenol	MEPH4	F		0.0000			1.66	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
N-Nitroso-di-n-propylamine	NNSPR	F		0.0000			1.68	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
N-Nitrosodiphenylamine	NNSPH	F		0.0000			1.15	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
Naphthalene	NAPH	F		0.0000			1.21	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
2-Nitroaniline	NO2ANIL2	F		0.0000			1.16	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	50
4-Nitroaniline	NO2ANIL4	F		0.0000			2.23	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	50
3-Nitroaniline	NO2ANIL3	F		0.0000			1.33	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	50
Nitrobenzene	NO2BZ2	F		0.0000			1.5	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	10
2-Nitrophenol	NTPH2	F		0.0000			1.41	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	50
4-Nitrophenol	NTPH4	F		0.0000			1.21	0	PR	U	ND	UG/L	06-May-96	0800	08-May-96	1211	SV3510	SW8270	5972	03-19-96	50</

Laboratory ID CERTES
Project No. 10K70200
Client ID CR-A 111006
Lab Sample ID 96-0908-29
Lab Batch No. W-0292

Date Received 02-May-96
Matrix/Basis W/X
Dilution Factor 1
Total Solids(%) N/A

431 336

Total Petroleum Hydrocarbons

Compound	Analyte Code	S	QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
TPH	PHC	F		0.0000	0.2	0.19	PR	J	TR	MG/L	07-May-96	0900	07-May-96	1300	SW3510	E418.1	IR	05-07-96	1

Laboratory ID CERTE\$
 Project No. 10K70200
 Client ID CR-A 111007
 Lab Sample ID 96-0908-30
 Lab Batch No. W96-45

Date Received 02-May-96
 Matrix/Basis W/X
 Dilution Factor 1
 Total Solids(%) N/A

431 337

BTEX

Compound	Analyte Code	S	QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Benzene	BZ	F		0.0000	0.16	0	PR	U	ND	UG/L	07-May-96	2250	07-May-96	2318	SW5030	SW8020	GC3	02-20-96	1
Toluene	BZME	F		0.0000	0.09	0	PR	U	ND	UG/L	07-May-96	2250	07-May-96	2318	SW5030	SW8020	GC3	02-20-96	1
Ethylbenzene	EBZ	F		0.0000	0.1	0	PR	U	ND	UG/L	07-May-96	2250	07-May-96	2318	SW5030	SW8020	GC3	02-20-96	1
Xylenes	XYLEMES	F		0.0000	0.3	0	PR	U	ND	UG/L	07-May-96	2250	07-May-96	2318	SW5030	SW8020	GC3	02-20-96	1

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 111008
 Lab Sample ID 96-0908-31
 Lab Batch No. SVW44

Date Received 02-May-96
 Matrix/Basis W/X
 Dilution Factor 1
 Total Solids(%) N/A

431 338

SemiVolatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab MDL	Results	PV CC Q	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acenaphthene	ACNP	F		0.0000			1.06	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
Acenaphthylene	ACNPY	F		0.0000			1.06	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
Anthracene	ANTH	F		0.0000			1.15	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
Benz(a)anthracene	BZAA	F		0.0000			0.79	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
Benz(a)pyrene	BZAP	F		0.0000			1.27	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
Benz(b)fluoranthene	BZBF	F		0.0000			1.01	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
Benz(g,h,i)perylene	BZGHIP	F		0.0000			1.66	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
Benz(k)fluoranthene	BZKF	F		0.0000			2.62	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
Benzoic acid	BZACID	F		0.0000			1.79	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	50	
Benzyl alcohol	BZLAL	F		0.0000			1.45	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	20	
bis(2-Chloroethoxy)methane	BECEM	F		0.0000			1.32	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
bis(2-Chloroethyl)ether	BIS2CEE	F		0.0000			1.55	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
bis(2-Chloroisopropyl)ether	BIS2CIE	F		0.0000			1.69	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
bis(2-Ethylhexyl)phthalate	BIS2EHP	F		0.0000			2.8	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
4-Bromophenyl-phenyl ether	BPPE4	F		0.0000			1.01	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
Butylbenzylphthalate	BBP	F		0.0000			1.19	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
4-Chloro-3-methylphenol	C4M3PH	F		0.0000			1.48	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	20	
4-Chloraniline	CLANIL4	F		0.0000			1.63	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	20	
2-Chiophenol	CLPH2	F		0.0000			1.73	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
4-Chlorophenyl-phenyl ether	CPPE4	F		0.0000			1.07	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
2-Chloronaphthalene	CNPH2	F		0.0000			0.88	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
Di-n-butylphthalate	CHRYSENE	F		0.0000			0.97	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
Di-n-octylphthalate	DNPB	F		0.0000			1.67	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
Dibenz(a,h)anthracene	DBZAH	F		0.0000			1.52	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
Dibenzo(f,g)furane	DBF	F		0.0000			1.13	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
1,2-Dichlorobenzene	DCBZ12	F		0.0000			1.56	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
1,3-Dichlorobenzene	DCBZ13	F		0.0000			1.58	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
1,4-Dichlorobenzene	DCBZ14	F		0.0000			1.6	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
3,3'-Dichlorobenzidine	DBZD33	F		0.0000			2.48	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	20	
2,4-Dichlorophenol	DCP24	F		0.0000			1.6	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
Diethylphthalate	DEPH	F		0.0000			1.43	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
2,4-Dimethylphenol	DMP24	F		0.0000			1.33	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	50	
Dimethylphthalate	DMPH	F		0.0000			1.11	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
2,6-Dinitrooluene	DNT26	F		0.0000			1.09	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
2,4-Dinitrophenol	DNP24	F		0.0000			1.2	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	50	
4,6-Dinitro-2-methylphenol	DN46M	F		0.0000			1.54	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	50	
2,4-Dinitrotoluene	DNT24	F		0.0000			0.99	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
Fluoranthene	FLA	F		0.0000			1.23	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
Fluorene	FL	F		0.0000			1.07	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
Hexachlorobenzene	HCLBZ	F		0.0000			1	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
Hexachlorobutadiene	HCBU	F		0.0000			1.45	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
Hexachlorocyclopentadiene	HCCP	F		0.0000			1.86	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
Hexachloroethane	HCLEA	F		0.0000			1.4	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
Indeno(1,2,3-cd)pyrene	INP123	F		0.0000			1.4	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
Isophorone	ISOP	F		0.0000			1.45	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
2-Methylnaphthalene	MTNPH2	F		0.0000			1.46	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
2-Methylphenol	MEPH2	F		0.0000			1.6	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
4-Methylphenol	MEPH4	F		0.0000			1.66	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
N-Nitroso-di-n-propylamine	NNNSPR	F		0.0000			1.68	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
N-Nitrosodiphenylamine	NNSPH	F		0.0000			1.15	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
Naphthalene	NAPH	F		0.0000			1.21	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
2-Nitroaniline	NO2ANIL2	F		0.0000			1.16	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	50	
4-Nitroaniline	NO2ANIL4	F		0.0000			2.23	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	50	
3-Nitroaniline	NO2ANIL3	F		0.0000			1.33	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	50	
Nitrobenzene	NO2BZ	F		0.0000			1.5	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
2-Nitrophenol	NTPH2	F		0.0000			1.41	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
4-Nitrophenol	NTPH4	F		0.0000			1.21	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	50	
Pentachlorophenol	PCP	F		0.0000			1.61	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	50	
Phenanthrene	PHAN	F		0.0000			0.88	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
Phenol	PHENOL	F		0.0000			0.91	0	PR U	ND	UG/L	06-May-96	0800	08-May-96	1252	SW3510	SW8270	5972	03-19-96	10	
Pyrene	PYR	F		0.0000			1.33	0	PR U</td												

Laboratory ID CERTES
Project No. 10K70200
Client ID CR-A 111009
Lab Sample ID 96-0908-32
Lab Batch No. W-0282

Date Received 02-May-96
Matrix/Basis W/X
Dilution Factor 1
Total Solids(%) N/A

Total Petroleum Hydrocarbons

431 330

Compound	Analyte Code	S	QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
TPH	PHC	F		0.0000	0.2	0.25	PR	J	TR	MG/L	07-May-96	0900	07-May-96	1300	SW3510	E418.1	IR	05-07-96	1

Laboratory ID CERTES
 Project No. 10K70200
 Client ID LABQC
 Lab Sample ID 96-0908-00LB1
 Job Batch No. PSTL-0021

Date Received 10-May-96
 Matrix/Basis W/X
 Dilution Factor 1
 Total Solids(%) N/A

431 340

icides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F	LB1	0.0000			0.02	0	PR U	ND	UG/L	10-May-96	1000	14-May-96	2251	SW3510	SW8080	GC2	03-12-96	0.04	
Alpha-BHC	BHCALPHA	F	LB1	0.0000			0.01	0	PR U	ND	UG/L	10-May-96	1000	14-May-96	2251	SW3510	SW8080	GC2	03-12-96	0.03	
Beta-BHC	BHCBETA	F	LB1	0.0000			0.02	0	PR U	ND	UG/L	10-May-96	1000	14-May-96	2251	SW3510	SW8080	GC2	03-12-96	0.06	
Delta-BHC	BHCDELTA	F	LB1	0.0000			0.02	0	PR U	ND	UG/L	10-May-96	1000	14-May-96	2251	SW3510	SW8080	GC2	03-12-96	0.09	
Gamma-BHC (Lindane)	BHCGAMMA	F	LB1	0.0000			0.01	0	PR U	ND	UG/L	10-May-96	1000	14-May-96	2251	SW3510	SW8080	GC2	03-12-96	0.04	
Chlordane	CHLORDANE	F	LB1	0.0000			0.14	0	PR U	ND	UG/L	10-May-96	1000	14-May-96	2251	SW3510	SW8080	GC2	03-12-96	0.14	
4,4'-DDD	DDD44	F	LB1	0.0000			0.02	0	PR U	ND	UG/L	10-May-96	1000	14-May-96	2251	SW3510	SW8080	GC2	03-12-96	0.11	
4'-DDE	DDE44	F	LB1	0.0000			0.02	0	PR U	ND	UG/L	10-May-96	1000	14-May-96	2251	SW3510	SW8080	GC2	03-12-96	0.04	
-4'-DDT	DDT44	F	LB1	0.0000			0.02	0	PR U	ND	UG/L	10-May-96	1000	14-May-96	2251	SW3510	SW8080	GC2	03-12-96	0.12	
Dieldrin	DIELDRIN	F	LB1	0.0000			0.01	0	PR U	ND	UG/L	10-May-96	1000	14-May-96	2251	SW3510	SW8080	GC2	03-12-96	0.02	
Endosulfan I	ENDOSULFANA	F	LB1	0.0000			0.01	0	PR U	ND	UG/L	10-May-96	1000	14-May-96	2251	SW3510	SW8080	GC2	03-12-96	0.14	
Endosulfan II	ENDOSULFANB	F	LB1	0.0000			0.01	0	PR U	ND	UG/L	10-May-96	1000	14-May-96	2251	SW3510	SW8080	GC2	03-12-96	0.04	
Endosulfan sulfate	ENDOSULFANS	F	LB1	0.0000			0.01	0	PR U	ND	UG/L	10-May-96	1000	14-May-96	2251	SW3510	SW8080	GC2	03-12-96	0.66	
Endrin	ENDRIN	F	LB1	0.0000			0.01	0	PR U	ND	UG/L	10-May-96	1000	14-May-96	2251	SW3510	SW8080	GC2	03-12-96	0.06	
Endrin aldehyde	ENDRINALD	F	LB1	0.0000			0.01	0	PR U	ND	UG/L	10-May-96	1000	14-May-96	2251	SW3510	SW8080	GC2	03-12-96	0.23	
Heptachlor	HEPTACHLOR	F	LB1	0.0000			0.01	0	PR U	ND	UG/L	10-May-96	1000	14-May-96	2251	SW3510	SW8080	GC2	03-12-96	0.03	
Heptachlor epoxide	HEPT-EPOX	F	LB1	0.0000			0.04	0	PR U	ND	UG/L	10-May-96	1000	14-May-96	2251	SW3510	SW8080	GC2	03-12-96	0.83	
Methoxychlor	MTXYCL	F	LB1	0.0000			0.06	0	PR U	ND	UG/L	10-May-96	1000	14-May-96	2251	SW3510	SW8080	GC2	03-12-96	1.76	
Oxaphene	TOXAP	F	LB1	0.0000			0.1	0	PR U	ND	UG/L	10-May-96	1000	14-May-96	2251	SW3510	SW8080	GC2	03-12-96	2.4	
Perchlorobiphenyl (SS)	CL10BZ2	T	LB1	100	60	150		98	PR	%	UG/L	10-May-96	1000	14-May-96	2251	SW3510	SW8080	GC2	03-12-96		
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	LB1	100	60	150		88	PR	%	UG/L	10-May-96	1000	14-May-96	2251	SW3510	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID LABC
 Lab Sample ID 96-0908-00BS1
 Lab Batch No. PSTL-0021

Date Received 10-May-96
 Matrix/Basis W/X
 Dilution Factor 1
 Total Solids(%) N/A

431 341

Pesticides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F	BS1	0.5000	42	122	25	0.02	0.33	PR	=	UG/L	10-May-96	1000	14-May-96	2328	SW3510	SW8080	GC2	03-12-96	0.04	
Alpha-BHC	BHCALPHA	F	BS1	0.5000	37	134	25	0.01	0.32	PR	=	UG/L	10-May-96	1000	14-May-96	2328	SW3510	SW8080	GC2	03-12-96	0.03	
Beta-BHC	BHCBETA	F	BS1	0.5000	17	147	25	0.02	0.37	PR	=	UG/L	10-May-96	1000	14-May-96	2328	SW3510	SW8080	GC2	03-12-96	0.06	
Delta-BHC	BHCDELTA	F	BS1	0.5000	19	140	25	0.02	0.06	PR	J	TR	UG/L	10-May-96	1000	14-May-96	2328	SW3510	SW8080	GC2	03-12-96	0.09
Gamma-BHC (Lindane)	BHCGAMMA	F	BS1	0.5000	32	127	25	0.01	0.34	PR	=	UG/L	10-May-96	1000	14-May-96	2328	SW3510	SW8080	GC2	03-12-96	0.04	
Chlordane	CHLORDANE	F	BS1	0.0000				0.14	0	PR	U	ND	UG/L	10-May-96	1000	14-May-96	2328	SW3510	SW8080	GC2	03-12-96	0.14
4,4'-DDD	DDD44	F	BS1	0.5000	31	141	25	0.02	0.32	PR	=	UG/L	10-May-96	1000	14-May-96	2328	SW3510	SW8080	GC2	03-12-96	0.11	
4,4'-DDE	DDE44	F	BS1	0.5000	30	145	25	0.02	0.34	PR	=	UG/L	10-May-96	1000	14-May-96	2328	SW3510	SW8080	GC2	03-12-96	0.04	
4,4'-DDT	DDT44	F	BS1	0.5000	25	160	25	0.02	0.3	PR	=	UG/L	10-May-96	1000	14-May-96	2328	SW3510	SW8080	GC2	03-12-96	0.12	
Dieldrin	DIELDRIN	F	BS1	0.5000	36	146	25	0.01	0.39	PR	=	UG/L	10-May-96	1000	14-May-96	2328	SW3510	SW8080	GC2	03-12-96	0.02	
Endosulfan I	ENDOSULFANA	F	BS1	0.5000	45	153	25	0.01	0.37	PR	=	UG/L	10-May-96	1000	14-May-96	2328	SW3510	SW8080	GC2	03-12-96	0.14	
Endosulfan II	ENDOSULFANB	F	BS1	0.5000	1	202	25	0.01	0.34	PR	=	UG/L	10-May-96	1000	14-May-96	2328	SW3510	SW8080	GC2	03-12-96	0.04	
Endosulfan sulfate	ENDOSULFANS	F	BS1	0.5000	26	144	25	0.01	0.21	PR	J	TR	UG/L	10-May-96	1000	14-May-96	2328	SW3510	SW8080	GC2	03-12-96	0.66
Endrin	ENDRIN	F	BS1	0.5000	30	147	25	0.01	0.32	PR	=	UG/L	10-May-96	1000	14-May-96	2328	SW3510	SW8080	GC2	03-12-96	0.06	
Endrin aldehyde	ENDRINALD	F	BS1	0.5000	80	140	25	0.01	0.35	PR	=	UG/L	10-May-96	1000	14-May-96	2328	SW3510	SW8080	GC2	03-12-96	0.23	
Heptachlor	HEPTACHLOR	F	BS1	0.5000	34	111	25	0.01	0.31	PR	=	UG/L	10-May-96	1000	14-May-96	2328	SW3510	SW8080	GC2	03-12-96	0.03	
Heptachlor epoxide	HEPT-EPOX	F	BS1	0.5000	37	142	25	0.04	0.36	PR	J	TR	UG/L	10-May-96	1000	14-May-96	2328	SW3510	SW8080	GC2	03-12-96	0.83
Methoxychlor	MTXYCL	F	BS1	0.5000	60	140	25	0.06	0.32	PR	J	TR	UG/L	10-May-96	1000	14-May-96	2328	SW3510	SW8080	GC2	03-12-96	1.76
Toxaphene	TOXAP	F	BS1	0.0000				0.1	0	PR	U	ND	UG/L	10-May-96	1000	14-May-96	2328	SW3510	SW8080	GC2	03-12-96	2.4
Decachlorobiphenyl (SS)	CL10BZ2	T	BS1	0.5	80	150			94.6	PR	%	UG/L	10-May-96	1000	14-May-96	2328	SW3510	SW8080	GC2	03-12-96		
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	BS1	0.5	60	150			81.2	PR	%	UG/L	10-May-96	1000	14-May-96	2328	SW3510	SW8080	GC2	03-12-96		

Chase A. Thibodaux
Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: LABQC
 Job Sample ID: 96-0908-00BD1
 Job Batch No.: PSTL-0021

Date Received: 10-May-96
 Matrix/Basis: W/X
 Dilution Factor: 1
 Total Solids(%): N/A

431 342

Sample Codes

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F	BD1	0.5000	42	122	25	0.02	0.35	PR	=	UG/L	10-May-96	1000	15-May-96	0013	SW3510	SW8080	GC2	03-12-96	0.04	
Alpha-BHC	BHCALPHA	F	BD1	0.5000	37	134	25	0.01	0.35	PR	=	UG/L	10-May-96	1000	15-May-96	0013	SW3510	SW8080	GC2	03-12-96	0.03	
Beta-BHC	BHCBETA	F	BD1	0.5000	17	147	25	0.02	0.39	PR	J	UG/L	10-May-96	1000	15-May-96	0013	SW3510	SW8080	GC2	03-12-96	0.06	
Epsilon-BHC	BHCDELTA	F	BD1	0.5000	19	140	25	0.02	0.05	PR	J	UG/L	10-May-96	1000	15-May-96	0013	SW3510	SW8080	GC2	03-12-96	0.09	
Gamma-BHC (Lindane)	BHCGAMMA	F	BD1	0.5000	32	127	25	0.01	0.37	PR	U	ND	UG/L	10-May-96	1000	15-May-96	0013	SW3510	SW8080	GC2	03-12-96	0.04
Chlordane	CHLORDANE	F	BD1	0.0000				0.14	0	PR	U	ND	UG/L	10-May-96	1000	15-May-96	0013	SW3510	SW8080	GC2	03-12-96	0.14
4,4'-DDD	DDD44	F	BD1	0.5000	31	141	25	0.02	0.33	PR	=	UG/L	10-May-96	1000	15-May-96	0013	SW3510	SW8080	GC2	03-12-96	0.11	
4'-DDE	DDE44	F	BD1	0.5000	30	145	25	0.02	0.37	PR	=	UG/L	10-May-96	1000	15-May-96	0013	SW3510	SW8080	GC2	03-12-96	0.04	
4'-DDT	DDT44	F	BD1	0.5000	25	160	25	0.02	0.32	PR	=	UG/L	10-May-96	1000	15-May-96	0013	SW3510	SW8080	GC2	03-12-96	0.12	
Heptachlor	HELDRIN	F	BD1	0.5000	36	146	25	0.01	0.41	PR	=	UG/L	10-May-96	1000	15-May-96	0013	SW3510	SW8080	GC2	03-12-96	0.02	
Endosulfan I	ENDOSULFANA	F	BD1	0.5000	45	153	25	0.01	0.4	PR	=	UG/L	10-May-96	1000	15-May-96	0013	SW3510	SW8080	GC2	03-12-96	0.14	
Endosulfan II	ENDOSULFANS	F	BD1	0.5000	1	202	25	0.01	0.38	PR	=	UG/L	10-May-96	1000	15-May-96	0013	SW3510	SW8080	GC2	03-12-96	0.04	
Endosulfan sulfate	ENDOSULFANS	F	BD1	0.5000	26	144	25	0.01	0.25	PR	J	TR	UG/L	10-May-96	1000	15-May-96	0013	SW3510	SW8080	GC2	03-12-96	0.66
Heptachlor	ENDRIN	F	BD1	0.5000	30	147	25	0.01	0.34	PR	=	UG/L	10-May-96	1000	15-May-96	0013	SW3510	SW8080	GC2	03-12-96	0.06	
Heptachlor aldehyde	ENDRINALD	F	BD1	0.5000	60	140	25	0.01	0.39	PR	=	UG/L	10-May-96	1000	15-May-96	0013	SW3510	SW8080	GC2	03-12-96	0.23	
Heptachlor epoxide	HEPTACHLOR	F	BD1	0.5000	34	111	25	0.01	0.34	PR	=	UG/L	10-May-96	1000	15-May-96	0013	SW3510	SW8080	GC2	03-12-96	0.03	
Heptachlor epoxide	HEPT-EPOX	F	BD1	0.5000	37	142	25	0.04	0.41	PR	J	TR	UG/L	10-May-96	1000	15-May-96	0013	SW3510	SW8080	GC2	03-12-96	0.83
Heptachlor epoxide	MTXYCL	F	BD1	0.5000	60	140	25	0.06	0.35	PR	J	TR	UG/L	10-May-96	1000	15-May-96	0013	SW3510	SW8080	GC2	03-12-96	1.76
Heptachlor epoxide	TOXAP	F	BD1	0.0000				0.1	0	PR	U	ND	UG/L	10-May-96	1000	15-May-96	0013	SW3510	SW8080	GC2	03-12-96	2.4
3,3'4,4'-Tetrachlorobiphenyl (SS)	CL10BZ2	T	BD1	100	60	150		94.6	PR	%	UG/L	10-May-96	1000	15-May-96	0013	SW3510	SW8080	GC2	03-12-96			
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	BD1	100	60	150		86.7	PR	%	UG/L	10-May-96	1000	15-May-96	0013	SW3510	SW8080	GC2	03-12-96			

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID LABQC
 Lab Sample ID 96-0908-00BD2
 Lab Batch No. PSTL-0021

Date Received 10-May-96
 Matrix/Basis W/X
 Dilution Factor 1
 Total Solids(%) N/A

431 343

Pesticides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F	BD2	0.5000	42	122	25	0.02	0.37	PR	=	UG/L	10-May-96	1000	15-May-96	0044	SW3510	SW8080	GC2	03-12-96	0.04	
Alpha-BHC	BHCALPHA	F	BD2	0.5000	37	134	25	0.01	0.34	PR	=	UG/L	10-May-96	1000	15-May-96	0044	SW3510	SW8080	GC2	03-12-96	0.03	
Beta-BHC	BHCBETA	F	BD2	0.5000	17	147	25	0.02	0.39	PR	=	UG/L	10-May-96	1000	15-May-96	0044	SW3510	SW8080	GC2	03-12-96	0.06	
Delta-BHC	BHCDELTA	F	BD2	0.5000	19	140	25	0.02	0.06	PR	J	UG/L	10-May-96	1000	15-May-96	0044	SW3510	SW8080	GC2	03-12-96	0.09	
Gamma-BHC (Lindane)	BHCGAMMA	F	BD2	0.5000	32	127	25	0.01	0.37	PR	=	UG/L	10-May-96	1000	15-May-96	0044	SW3510	SW8080	GC2	03-12-96	0.04	
Chlordane	CHLORDANE	F	BD2	0.0000				0.14	0	PR	U	ND	UG/L	10-May-96	1000	15-May-96	0044	SW3510	SW8080	GC2	03-12-96	0.14
4,4'-DDD	DDD44	F	BD2	0.5000	31	141	25	0.02	0.35	PR	=	UG/L	10-May-96	1000	15-May-96	0044	SW3510	SW8080	GC2	03-12-96	0.11	
4,4'-DDE	DDE44	F	BD2	0.5000	30	145	25	0.02	0.37	PR	=	UG/L	10-May-96	1000	15-May-96	0044	SW3510	SW8080	GC2	03-12-96	0.04	
4,4'-DDT	DDT44	F	BD2	0.5000	25	160	25	0.02	0.33	PR	=	UG/L	10-May-96	1000	15-May-96	0044	SW3510	SW8080	GC2	03-12-96	0.12	
Dieledrin	DIELDRIN	F	BD2	0.5000	36	146	25	0.01	0.41	PR	=	UG/L	10-May-96	1000	15-May-96	0044	SW3510	SW8080	GC2	03-12-96	0.02	
Endosulfan I	ENDOSULFANA	F	BD2	0.5000	45	153	25	0.01	0.39	PR	=	UG/L	10-May-96	1000	15-May-96	0044	SW3510	SW8080	GC2	03-12-96	0.14	
Endosulfan II	ENDOSULFANB	F	BD2	0.5000	1	202	25	0.01	0.36	PR	=	UG/L	10-May-96	1000	15-May-96	0044	SW3510	SW8080	GC2	03-12-96	0.04	
Endosulfan sulfate	ENDOSULFANS	F	BD2	0.5000	26	144	25	0.01	0.23	PR	J	TR	UG/L	10-May-96	1000	15-May-96	0044	SW3510	SW8080	GC2	03-12-96	0.66
Endrin	ENDRIN	F	BD2	0.5000	30	147	25	0.01	0.34	PR	=	UG/L	10-May-96	1000	15-May-96	0044	SW3510	SW8080	GC2	03-12-96	0.06	
Endrin aldehyde	ENDRINALD	F	BD2	0.5000	60	140	25	0.01	0.37	PR	=	UG/L	10-May-96	1000	15-May-96	0044	SW3510	SW8080	GC2	03-12-96	0.23	
Heptachlor	HEPTACHLOR	F	BD2	0.5000	34	111	25	0.01	0.36	PR	=	UG/L	10-May-96	1000	15-May-96	0044	SW3510	SW8080	GC2	03-12-96	0.03	
Heptachlor epoxide	HEPT-EPOX	F	BD2	0.5000	37	142	25	0.04	0.41	PR	J	TR	UG/L	10-May-96	1000	15-May-96	0044	SW3510	SW8080	GC2	03-12-96	0.83
Methoxychlor	MTXYCL	F	BD2	0.5000	60	140	25	0.06	0.35	PR	J	TR	UG/L	10-May-96	1000	15-May-96	0044	SW3510	SW8080	GC2	03-12-96	1.76
Toxaphene	TOXAP	F	BD2	0.0000				0.1	0	PR	U	ND	UG/L	10-May-96	1000	15-May-96	0044	SW3510	SW8080	GC2	03-12-96	2.41
Decachlorobiphenyl (SS)	CL108BZ2	T	BD2	100	60	150			108	PR	%	UG/L	10-May-96	1000	15-May-96	0044	SW3510	SW8080	GC2	03-12-96		
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	BD2	100	60	150			86	PR	%	UG/L	10-May-96	1000	15-May-96	0044	SW3510	SW8080	GC2	03-12-96		

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID LABQC
 Lab Sample ID 96-0908-00LB1
 1st Batch No. PSTS-0021

Date Received 09-May-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 100

431 344

cides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F	LB1	0.0000			1E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1220	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F	LB1	0.0000			2E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1220	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F	LB1	0.0000			3E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1220	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F	LB1	0.0000			4E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1220	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F	LB1	0.0000			1E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1220	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F	LB1	0.0000			0.005	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1220	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F	LB1	0.0000			0.002	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1220	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F	LB1	0.0000			2E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1220	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDT	DDT44	F	LB1	0.0000			5E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1220	SW3550	SW8080	GC2	03-12-96	0.008
Dieldrin	DIELDRIN	F	LB1	0.0000			1E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1220	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F	LB1	0.0000			2E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1220	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F	LB1	0.0000			0.002	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1220	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F	LB1	0.0000			1E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1220	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F	LB1	0.0000			1E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1220	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F	LB1	0.0000			0.002	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1220	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F	LB1	0.0000			4E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1220	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F	LB1	0.0000			2E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1220	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F	LB1	0.0000			9E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1220	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F	LB1	0.0000			0.005	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1220	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T	LB1	100	60	150		126	PR	%	%	MG/KG	09-May-96	0930	09-May-96	1220	SW3550	SW8080	GC2	03-12-96	
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	LB1	100	60	150		105	PR	%	%	MG/KG	09-May-96	0930	09-May-96	1220	SW3550	SW8080	GC2	03-12-96	

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: LABQC
 Lab Sample ID: 96-0908-00BS1
 Lab Batch No.: PSTS-0021

Date Received: 09-May-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 100

431 345

Pesticides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F	BS1	0.0170	42	122	25	1E-04	0.015	PR	=	MG/KG	09-May-96	0930	09-May-96	1304	SW3550	SW8080	GC2	03-12-96	0.003	
Alpha-BHC	BHCALPHA	F	BS1	0.0170	37	134	25	2E-04	0.012	PR	=	MG/KG	09-May-96	0930	09-May-96	1304	SW3550	SW8080	GC2	03-12-96	0.002	
Beta-BHC	BHCBETA	F	BS1	0.0170	17	147	25	3E-04	0.013	PR	=	MG/KG	09-May-96	0930	09-May-96	1304	SW3550	SW8080	GC2	03-12-96	0.004	
Delta-BHC	BHCDELTA	F	BS1	0.0170	19	140	25	4E-04	0.0022	PR	J	MG/KG	09-May-96	0930	09-May-96	1304	SW3550	GC2	03-12-96	0.006		
Gamma-BHC (Lindane)	BHCGAMMA	F	BS1	0.0170	32	127	25	1E-04	0.013	PR	=	MG/KG	09-May-96	0930	09-May-96	1304	SW3550	SW8080	GC2	03-12-96	0.003	
Chlordane	CHLORDANE	F	BS1	0.0000				0.005	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1304	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F	BS1	0.0170	31	141	25	0.002	0.011	PR	=	MG/KG	09-May-96	0930	09-May-96	1304	SW3550	SW8080	GC2	03-12-96	0.007	
4,4'-DDE	DDE44	F	BS1	0.0170	30	145	25	2E-04	0.013	PR	=	MG/KG	09-May-96	0930	09-May-96	1304	SW3550	SW8080	GC2	03-12-96	0.003	
4,4'-DDT	DDT44	F	BS1	0.0170	25	160	25	5E-04	0.011	PR	=	MG/KG	09-May-96	0930	09-May-96	1304	SW3550	SW8080	GC2	03-12-96	0.008	
Dieldrin	DIELDRIN	F	BS1	0.0170	36	146	25	1E-04	0.014	PR	=	MG/KG	09-May-96	0930	09-May-96	1304	SW3550	SW8080	GC2	03-12-96	0.001	
Endosulfan I	ENDOSULFANA	F	BS1	0.0170	45	153	25	2E-04	0.014	PR	=	MG/KG	09-May-96	0930	09-May-96	1304	SW3550	SW8080	GC2	03-12-96	0.009	
Endosulfan II	ENDOSULFANB	F	BS1	0.0170	1	202	25	0.002	0.012	PR	=	MG/KG	09-May-96	0930	09-May-96	1304	SW3550	SW8080	GC2	03-12-96	0.003	
Endosulfan sulfate	ENDOSULFANS	F	BS1	0.0170	26	144	25	1E-04	0.0078	PR	J	TR	MG/KG	09-May-96	0930	09-May-96	1304	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F	BS1	0.0170	30	147	25	1E-04	0.012	PR	=	MG/KG	09-May-96	0930	09-May-96	1304	SW3550	SW8080	GC2	03-12-96	0.004	
Endrin aldehyde	ENDRINALD	F	BS1	0.0170	60	140	25	0.002	0.012	PR	J	TR	MG/KG	09-May-96	0930	09-May-96	1304	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F	BS1	0.0170	34	111	25	4E-04	0.014	PR	=	MG/KG	09-May-96	0930	09-May-96	1304	SW3550	SW8080	GC2	03-12-96	0.002	
Heptachlor epoxide	HEPT-EPOX	F	BS1	0.0170	37	142	25	2E-04	0.014	PR	J	TR	MG/KG	09-May-96	0930	09-May-96	1304	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F	BS1	0.0170	60	140	25	9E-04	0.012	PR	J	TR	MG/KG	09-May-96	0930	09-May-96	1304	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F	BS1	0.0000				0.005	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1304	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T	BS1	100	60	150			118	PR	%	MG/KG	09-May-96	0930	09-May-96	1304	SW3550	SW8080	GC2	03-12-96		
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	BS1	100	60	150			95	PR	%	MG/KG	09-May-96	0930	09-May-96	1304	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 111202
 Lab Sample ID: 96-0918-02MS1
 Lab Batch No.: PSTS-0021

Date Received: 03-May-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 98.9

431 346

lides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Per Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F	MS1	0.0170	42	122	25	1E-04	0.019	PR	=	MG/KG	09-May-96	0930	09-May-96	1421	SW3550	SW8080	GC2	03-12-96	0.003	
Alpha-BHC	BHCALPHA	F	MS1	0.0170	37	134	25	2E-04	0.015	PR	=	MG/KG	09-May-96	0930	09-May-96	1421	SW3550	SW8080	GC2	03-12-96	0.002	
Beta-BHC	BHCBETA	F	MS1	0.0170	17	147	25	3E-04	0.018	PR	=	MG/KG	09-May-96	0930	09-May-96	1421	SW3550	SW8080	GC2	03-12-96	0.004	
Delta-BHC	BHCDELTA	F	MS1	0.0170	19	140	25	4E-04	0.0025	PR	J	TR	MG/KG	09-May-96	0930	09-May-96	1421	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F	MS1	0.0170	32	127	25	1E-04	0.016	PR	=	MG/KG	09-May-96	0930	09-May-96	1421	SW3550	SW8080	GC2	03-12-96	0.003	
Chlordane	CHLORDANE	F	MS1	0.0000				0.005	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1421	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F	MS1	0.0170	31	141	25	0.002	0.017	PR	=	MG/KG	09-May-96	0930	09-May-96	1421	SW3550	SW8080	GC2	03-12-96	0.007	
4,4'-DDE	DDE44	F	MS1	0.0170	30	145	25	2E-04	0.018	PR	=	MG/KG	09-May-96	0930	09-May-96	1421	SW3550	SW8080	GC2	03-12-96	0.003	
1,4'-DDT	DDT44	F	MS1	0.0170	25	160	25	5E-04	0.016	PR	=	MG/KG	09-May-96	0930	09-May-96	1421	SW3550	SW8080	GC2	03-12-96	0.008	
Dieldrin	DIELDRIN	F	MS1	0.0170	36	146	25	1E-04	0.018	PR	=	MG/KG	09-May-96	0930	09-May-96	1421	SW3550	SW8080	GC2	03-12-96	0.001	
Endosulfan I	ENDOSULFANA	F	MS1	0.0170	45	153	25	2E-04	0.020	PR	=	MG/KG	09-May-96	0930	09-May-96	1421	SW3550	SW8080	GC2	03-12-96	0.009	
Endosulfan II	ENDOSULFANB	F	MS1	0.0170	1	202	25	0.002	0.016	PR	=	MG/KG	09-May-96	0930	09-May-96	1421	SW3550	SW8080	GC2	03-12-96	0.003	
Endosulfan sulfate	ENDOSULFANS	F	MS1	0.0170	26	144	25	1E-04	0.011	PR	J	TR	MG/KG	09-May-96	0930	09-May-96	1421	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F	MS1	0.0170	30	147	25	1E-04	0.017	PR	=	MG/KG	09-May-96	0930	09-May-96	1421	SW3550	SW8080	GC2	03-12-96	0.004	
Endrin aldehyde	ENDRINALD	F	MS1	0.0170	60	140	25	0.002	0.016	PR	J	TR	MG/KG	09-May-96	0930	09-May-96	1421	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F	MS1	0.0170	34	111	25	4E-04	0.017	PR	=	MG/KG	09-May-96	0930	09-May-96	1421	SW3550	SW8080	GC2	03-12-96	0.002	
Heptachlor epoxide	HEPT-EPOX	F	MS1	0.0170	37	142	25	2E-04	0.019	PR	J	TR	MG/KG	09-May-96	0930	09-May-96	1421	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F	MS1	0.0170	60	140	25	9E-04	0.018	PR	J	TR	MG/KG	09-May-96	0930	09-May-96	1421	SW3550	SW8080	GC2	03-12-96	0.1
Oxaphene	TOXAP	F	MS1	0.0000				0.005	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1421	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T	MS1	100	50	150			140	PR	%	MG/KG	09-May-96	0930	09-May-96	1421	SW3550	SW8080	GC2	03-12-96		
4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	MS1	100	60	150			101	PR	%	MG/KG	09-May-96	0930	09-May-96	1421	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 111202
 Lab Sample ID 96-0918-02SD1
 Lab Batch No. PSTS-0021

Date Received 03-May-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 88.9

431 347

Pesticides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL	
Aldrin	ALDRIN	F	SD1	0.0170	42	122	25	1E-04	0.018	PR	=	MG/KG	09-May-96	0930	09-May-96	1433	SW3550	SW8080	GC2	03-12-96	0.003	
Alpha-BHC	BHCALPHA	F	SD1	0.0170	37	134	25	2E-04	0.014	PR	=	MG/KG	09-May-96	0930	09-May-96	1433	SW3550	SW8080	GC2	03-12-96	0.002	
Beta-BHC	BHCBETA	F	SD1	0.0170	17	147	25	3E-04	0.015	PR	=	MG/KG	09-May-96	0930	09-May-96	1433	SW3550	SW8080	GC2	03-12-96	0.004	
Delta-BHC	BHCDELTA	F	SD1	0.0170	19	140	25	4E-04	0.0026	PR	J	TR	MG/KG	09-May-96	0930	09-May-96	1433	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F	SD1	0.0170	32	127	25	1E-04	0.015	PR	=	MG/KG	09-May-96	0930	09-May-96	1433	SW3550	SW8080	GC2	03-12-96	0.003	
Chlordane	CHLORDANE	F	SD1	0.0000				0.005	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1433	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F	SD1	0.0170	31	141	25	0.002	0.018	PR	=	MG/KG	09-May-96	0930	09-May-96	1433	SW3550	SW8080	GC2	03-12-96	0.007	
4,4'-DDE	DDE44	F	SD1	0.0170	30	145	25	2E-04	0.019	PR	=	MG/KG	09-May-96	0930	09-May-96	1433	SW3550	SW8080	GC2	03-12-96	0.003	
4,4'-DDT	DDT44	F	SD1	0.0170	25	160	25	5E-04	0.015	PR	=	MG/KG	09-May-96	0930	09-May-96	1433	SW3550	SW8080	GC2	03-12-96	0.008	
Dieldrin	DIELDRIN	F	SD1	0.0170	36	146	25	1E-04	0.018	PR	=	MG/KG	09-May-96	0930	09-May-96	1433	SW3550	SW8080	GC2	03-12-96	0.001	
Endosulfan I	ENDOSULFANA	F	SD1	0.0170	45	153	25	2E-04	0.021	PR	=	MG/KG	09-May-96	0930	09-May-96	1433	SW3550	SW8080	GC2	03-12-96	0.009	
Endosulfan II	ENDOSULFANB	F	SD1	0.0170	1	202	25	0.002	0.016	PR	=	MG/KG	09-May-96	0930	09-May-96	1433	SW3550	SW8080	GC2	03-12-96	0.003	
Endosulfan sulfate	ENDOSULFANS	F	SD1	0.0170	26	144	25	1E-04	0.011	PR	J	TR	MG/KG	09-May-96	0930	09-May-96	1433	SW3550	SW8080	GC2	03-12-96	0.04
Endrin	ENDRIN	F	SD1	0.0170	30	147	25	1E-04	0.017	PR	=	MG/KG	09-May-96	0930	09-May-96	1433	SW3550	SW8080	GC2	03-12-96	0.004	
Endrin aldehyde	ENDRINALD	F	SD1	0.0170	60	140	25	0.002	0.017	PR	J	TR	MG/KG	09-May-96	0930	09-May-96	1433	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F	SD1	0.0170	34	111	25	4E-04	0.017	PR	*	MG/KG	09-May-96	0930	09-May-96	1433	SW3550	SW8080	GC2	03-12-96	0.002	
Heptachlor epoxide	HEPT-EPOX	F	SD1	0.0170	37	142	25	2E-04	0.018	PR	J	TR	MG/KG	09-May-96	0930	09-May-96	1433	SW3550	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F	SD1	0.0170	60	140	25	9E-04	0.016	PR	J	TR	MG/KG	09-May-96	0930	09-May-96	1433	SW3550	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F	SD1	0.0000				0.005	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1433	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T	SD1	0.017	60	150			129	PR	%	MG/KG	09-May-96	0930	09-May-96	1433	SW3550	SW8080	GC2	03-12-96		
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	SD1	0.017	60	150			82.8	PR	%	MG/KG	09-May-96	0930	09-May-96	1433	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID CERTES
Project No. 10K70200
Client ID LABQC
Lab Sample ID 96-0908-00LB1
Lab Batch No. S96-40

Date Received 08-May-96
Matrix/Basis S/D
Dilution Factor 1
Total Solids(%) 100

431 348

X

Compound	Analyte Code	S	QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par. Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Benzene	BZ	F	LB1	0.0000	0.0004	0	PR	U	ND	MG/KG	08-May-96	1045	08-May-96	1114	SW5030	SW8020	GC3	02-20-96	0.002
Toluene	BZME	F	LB1	0.0000	0.0004	0	PR	U	ND	MG/KG	08-May-96	1045	08-May-96	1114	SW5030	SW8020	GC3	02-20-96	0.002
Ethylbenzene	EBZ	F	LB1	0.0000	0.0004	0	PR	U	ND	MG/KG	08-May-96	1045	08-May-96	1114	SW5030	SW8020	GC3	02-20-96	0.002
Xylenes	XYLEMES	F	LB1	0.0000	0.0004	0	PR	U	ND	MG/KG	08-May-96	1045	08-May-96	1114	SW5030	SW8020	GC3	02-20-96	0.002

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: LABQC
 Lab Sample ID: 96-0908-00BS1
 Lab Batch No.: S96-40

Date Received: 08-May-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 100

431 349

BTEX

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Benzene	BZ	F	BS1	0.0500	75	125	20	0.0004	0.049	PR	=	=	MG/KG	08-May-96	1055	08-May-96	1123	SW5030	SW8020	GC3	02-20-96	0.002
Toluene	BZME	F	BS1	0.0500	75	125	20	0.0004	0.051	PR	=	=	MG/KG	08-May-96	1055	08-May-96	1123	SW5030	SW8020	GC3	02-20-96	0.002
Ethylibenzene	EBZ	F	BS1	0.0500	75	125	20	0.0004	0.051	PR	=	=	MG/KG	08-May-96	1055	08-May-96	1123	SW5030	SW8020	GC3	02-20-96	0.002
Xylenes	XYLEMES	F	BS1	0.1500	75	125	20	0.0004	0.153	PR	=	=	MG/KG	08-May-96	1055	08-May-96	1123	SW5030	SW8020	GC3	02-20-96	0.002

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 156106
 Lab Sample ID: 98-0908-15MS1
 Lab Batch No.: S96-40

Date Received: 02-May-98
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 89.6

431 350

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Benzene	BZ	F	MS1	0.0500	75	125	20	0.0004	0.050	PR	=	MG/KG	08-May-98	2000	08-May-98	2029	SW5030	SW8020	GC3	02-20-98	0.002	
Toluene	BZME	F	MS1	0.0500	75	125	20	0.0004	0.054	PR	=	MG/KG	08-May-98	2000	08-May-98	2029	SW5030	SW8020	GC3	02-20-98	0.002	
Ethylbenzene	E8Z	F	MS1	0.0500	75	125	20	0.0004	0.053	PR	=	MG/KG	08-May-98	2000	08-May-98	2029	SW5030	SW8020	GC3	02-20-98	0.002	
Xylenes	XYLEMES	F	MS1	0.1500	75	125	20	0.0004	0.160	PR	=	MG/KG	08-May-98	2000	08-May-98	2029	SW5030	SW8020	GC3	02-20-98	0.002	

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 156106
 Lab Sample ID: 96-0908-15SD1
 Lab Batch No.: S96-40

Date Received: 02-May-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 89.6

431 351

BTEX

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Benzene	BZ	F	SD1	0.0500	75	125	20	0.0004	0.053	PR	=	=	MG/KG	08-May-96	2010	08-May-96	2038	SW5030	SW8020	GC3	02-20-96	0.002
Toluene	BZME	F	SD1	0.0500	75	125	20	0.0004	0.055	PR	=	=	MG/KG	08-May-96	2010	08-May-96	2038	SW5030	SW8020	GC3	02-20-96	0.002
Ethylbenzene	EBZ	F	SD1	0.0500	75	125	20	0.0004	0.055	PR	=	=	MG/KG	08-May-96	2010	08-May-96	2038	SW5030	SW8020	GC3	02-20-96	0.002
Xylenes	XYLEMES	F	SD1	0.1500	75	125	20	0.0004	0.165	PR	=	=	MG/KG	08-May-96	2010	08-May-96	2038	SW5030	SW8020	GC3	02-20-96	0.002

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: LABCC
 Lab Sample ID: 96-0908-00LB1
 Batch No.: W96-45

Date Received: 07-May-96
 Matrix/Basis: W/X
 Dilution Factor: 1
 Total Solids(%): N/A

431 352

TEX

Compound	Analyte Code	S	QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Benzene	BZ	F	LB1	0.0000	0.16	0	PR	U	ND	UG/L	07-May-96	0915	07-May-96	09446	SW5030	SW8020	GC3	02-20-96	1
Toluene	BZME	F	LB1	0.0000	0.09	0	PR	U	ND	UG/L	07-May-96	0915	07-May-96	09446	SW5030	SW8020	GC3	02-20-96	1
Ethylbenzene	EBZ	F	LB1	0.0000	0.1	0	PR	U	ND	UG/L	07-May-96	0915	07-May-96	09446	SW5030	SW8020	GC3	02-20-96	1
Xylenes	XYLEMES	F	LB1	0.0000	0.3	0	PR	U	ND	UG/L	07-May-96	0915	07-May-96	09446	SW5030	SW8020	GC3	02-20-96	1

Laboratory ID CERTES
 Project No. 10K70200
 Client ID LABQC
 Lab Sample ID 96-0908-00BS1
 Lab Batch No. W96-45

Date Received 07-May-96
 Matrix/Basis W/X
 Dilution Factor 1
 Total Solids(%) N/A

431 353

BTEX

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Benzene	BZ	F	BS1	50.0000	85	115	20	0.16	47.4	PR	=	UG/L	07-May-96	0940	07-May-96	1012	SW5030	SW8020	GC3	02-20-96	1	
Toluene	BZME	F	BS1	50.0000	85	115	20	0.09	53.1	PR	=	UG/L	07-May-96	0940	07-May-96	1012	SW5030	SW8020	GC3	02-20-96	1	
Ethylbenzene	EBZ	F	BS1	50.0000	85	115	20	0.1	53.9	PR	=	UG/L	07-May-96	0940	07-May-96	1012	SW5030	SW8020	GC3	02-20-96	1	
Xylenes	XYLENES	F	BS1	150.0000	85	115	20	0.3	159	PR	=	UG/L	07-May-96	0940	07-May-96	1012	SW5030	SW8020	GC3	02-20-96	1	

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 156009
 Lab Sample ID 96-0908-09MS1
 Lab Batch No. W96-45

Date Received 02-May-96
 Matrix/Basis W/X
 Dilution Factor 1
 Total Solids(%) N/A

431 354

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Benzene	BZ	F	MS1	50.0000	85	115	20	0.16	48.5	PR	=	=	UG/L	07-May-96	2340	08-May-96	0009	SW5030	SW8020	GC3	02-20-96	1
Toluene	BZME	F	MS1	50.0000	85	115	20	0.09	48.6	PR	=	=	UG/L	07-May-96	2340	08-May-96	0009	SW5030	SW8020	GC3	02-20-96	1
Ethybenzene	EBZ	F	MS1	50.0000	85	115	20	0.1	48.7	PR	=	=	UG/L	07-May-96	2340	08-May-96	0009	SW5030	SW8020	GC3	02-20-96	1
Xylenes	XYLEMES	F	MS1	150.0000	85	115	20	0.3	129	PR	=	=	UG/L	07-May-96	2340	08-May-96	0009	SW5030	SW8020	GC3	02-20-96	1

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 156009
 Lab Sample ID 96-0908-09SD1
 Lab Batch No. W96-45

Date Received 02-May-96
 Matrix/Basis W/X
 Dilution Factor 1
 Total Solids(%) N/A

431 355

BTEX

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Benzene	BZ	F	SD1	50.0000	85	115	20	0.16	49.3	PR	=	UG/L	08-May-96	0015	08-May-96	0046	SW5030	SW8020	GC3	02-20-96	1	
Toluene	BZME	F	SD1	50.0000	85	115	20	0.09	50	PR	=	UG/L	08-May-96	0015	08-May-96	0046	SW5030	SW8020	GC3	02-20-96	1	
Ethylbenzene	EBZ	F	SD1	50.0000	85	115	20	0.1	49.9	PR	=	UG/L	08-May-96	0015	08-May-96	0046	SW5030	SW8020	GC3	02-20-96	1	
Xylenes	XYLEMES	F	SD1	150.0000	85	115	20	0.3	138	PR	=	UG/L	08-May-96	0015	08-May-96	0046	SW5030	SW8020	GC3	02-20-96	1	

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID CERTES
Project No. 10K70200
Client ID LABQC
Lab Sample ID 96-0908-00LB1
•b Batch No. S-0453

Date Received 07-May-96
Matrix/Basis S/D
Dilution Factor 1
Total Solids(%) 100

431 356

Total Petroleum Hydrocarbons

Compound	Analyte Code	S	QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
TPH	PHC	F	LB1	0.0000	3.9	2.06	PR	J		MG/KG	07-May-96	0900	07-May-96	1300	SW3550	E418.1	IR	05-07-96	10

Laboratory ID CERTES
Project No. 10K70200
Client ID LABQC
Lab Sample ID 96-0908-00BS1
Lab Batch No. S-0463

Date Received 07-May-96
Matrix/Basis S/D
Dilution Factor 1
Total Solids(%) 100

Total Petroleum Hydrocarbons

431 357

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
TPH	PHC	F	BS1	330.0000	80	120	10	3.9	330	PR	=		MG/KG	07-May-96	0900	07-May-96	1300	SW3550	E418.1	IR	05-07-96	10

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
Project No. 10K70200
Client ID CR-A 156003
Lab Sample ID 98-0908-03MS1
Lab Batch No. S-0463

Date Received 02-May-96
Matrix/Basis S/D
Dilution Factor 1
Total Solids(%) 90.2

431 358

Petroleum Hydrocarbons

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
TPH	PHC	F	MS1	330.0000	80	120	10	3.9	377	PR	=		MG/KG	07-May-96	0900	07-May-96	1300	SW3550	E418.1	IR	05-07-96	10

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
Project No. 10K70200
Client ID CR-A 156003
Lab Sample ID 96-0908-03SD1
Lab Batch No. S-0463

Date Received 02-May-96
Matrix/Basis S/D
Dilution Factor 1
Total Solids(%) 90.2

431 350

Total Petroleum Hydrocarbons

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
TPH	PHC	F	SD1	330.0000	80	120	10	3.8	371	PR	=	MG/KG	07-May-96	0900	07-May-96	1300	SW3550	E418.1	IR	05-07-96	10	

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
Project No. 10K70200
Client ID LABQC
Lab Sample ID 96-0908-00LB1
Lab Batch No. W-0292

Date Received 07-May-96
Matrix/Basis W/X
Dilution Factor 1
Total Solids(%) N/A

431 360

Total Petroleum Hydrocarbons

Compound	Analyte Code	S	QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
TPH	PHC	F	LB1	0.0000	0.2	0.06	PR	J	TR	MG/L	07-May-96	0900	07-May-96	1300	SW3510	E418.1	IR	05-07-96	1

Laboratory ID CERTES
Project No. 10K70200
Client ID LABOC
Lab Sample ID 96-0908-00BS1
Lab Batch No. W-0292

Date Received 07-May-96
Matrix/Basis W/X
Dilution Factor 1
Total Solids(%) N/A

431 361

Total Petroleum Hydrocarbons

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Per Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
TPH	PHC	F	BS1	10.0000	90	110	10	0.2	9.29	PR	*	MGL	07-May-96	0900	07-May-96	1300	SV3510	E418.1	IR	05-07-96	1	

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
Project No. 10K70200
Client ID LABQC
Lab Sample ID 98-0908-00BD1
Batch No. W-02B2

Date Received 07-May-96
Matrix/Basis W/X
Dilution Factor 1
Total Solids(%) N/A

431 362

Petroleum Hydrocarbons

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
TPH	PHC	F	BD1	10.0000	90	110	10	0.2	9.9	PR	s	MG/L	07-May-96	0900	07-May-96	1300	SW3510	E418.1	IR	05-07-96	1	

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
Project No. 10K70200
Client ID LABQC
Lab Sample ID 98-0908-00BD2
Lab Batch No. W-0292

Date Received 07-May-98
Matrix/Basis W/X
Dilution Factor 1
Total Solids(%) N/A

431 363

Total Petroleum Hydrocarbons

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
TPH	PHC	F	BD2	10.0000	90	110	10	0.2	9.9	PR	=	MG/L	07-May-98	0900	07-May-98	1300	SW3510	E418.1	IR	05-07-98	1	

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID LABQC
 Lab Sample ID 98-0908-00LB1
 Batch No. 98S28

Date Received 03-May-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 100

431 364

Volatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acetone	ACE	F	LB1	0.0000			0.01	0	PR	U	ND	MG/KG	03-May-96	1445	03-May-96	1305	SW5030	SWB240	5971	03-22-96	0.1
Benzene	BZ	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1445	03-May-96	1305	SW5030	SWB240	5971	03-22-96	0.005
Bromodichloromethane	BDCME	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1445	03-May-96	1305	SW5030	SWB240	5971	03-22-96	0.005
Bromoform	TBME	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1445	03-May-96	1305	SW5030	SWB240	5971	03-22-96	0.005
Bromomethane	BRME	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1445	03-May-96	1305	SW5030	SWB240	5971	03-22-96	0.01
2-Butanone	MEK	F	LB1	0.0000			0.005	0	PR	U	ND	MG/KG	03-May-96	1445	03-May-96	1305	SW5030	SWB240	5971	03-22-96	0.05
Carbon disulfide	CDS	F	LB1	0.0000			0.01	0	PR	U	ND	MG/KG	03-May-96	1445	03-May-96	1305	SW5030	SWB240	5971	03-22-96	0.005
Carbon tetrachloride	CTCL	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1445	03-May-96	1305	SW5030	SWB240	5971	03-22-96	0.005
Chlorobenzene	CLBZ	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1445	03-May-96	1305	SW5030	SWB240	5971	03-22-96	0.005
Chlorodibromomethane	BDCME	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1445	03-May-96	1305	SW5030	SWB240	5971	03-22-96	0.005
Chloroethane	CLEA	F	LB1	0.0000			0.002	0	PR	U	ND	MG/KG	03-May-96	1445	03-May-96	1305	SW5030	SWB240	5971	03-22-96	0.01
2-Chloroethyl vinyl ether	CEVETH	F	LB1	0.0000			0.005	0	PR	U	ND	MG/KG	03-May-96	1445	03-May-96	1305	SW5030	SWB240	5971	03-22-96	0.01
Chloroform	TCLME	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1445	03-May-96	1305	SW5030	SWB240	5971	03-22-96	0.005
Chloromethane	CLME	F	LB1	0.0000			0.002	0	PR	U	ND	MG/KG	03-May-96	1445	03-May-96	1305	SW5030	SWB240	5971	03-22-96	0.01
1,1-Dichloroethane	DCA11	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1445	03-May-96	1305	SW5030	SWB240	5971	03-22-96	0.005
1,2-Dichloroethane	DCA12	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1445	03-May-96	1305	SW5030	SWB240	5971	03-22-96	0.005
1,1-Dichloroethene	DCE11	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1445	03-May-96	1305	SW5030	SWB240	5971	03-22-96	0.005
cis-1, 2-Dichloroethene	DCE12C	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1445	03-May-96	1305	SW5030	SWB240	5971	03-22-96	0.005
trans-1, 2-Dichloroethene	DCE12T	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1445	03-May-96	1305	SW5030	SWB240	5971	03-22-96	0.005
1,2-Dichloropropane	DCPA12	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1445	03-May-96	1305	SW5030	SWB240	5971	03-22-96	0.005
cis-1, 3-Dichloropropene	DCP13C	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1445	03-May-96	1305	SW5030	SWB240	5971	03-22-96	0.005
trans-1, 3-Dichloropropene	DCP13T	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1445	03-May-96	1305	SW5030	SWB240	5971	03-22-96	0.005
Ethylbenzene	EBZ	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1445	03-May-96	1305	SW5030	SWB240	5971	03-22-96	0.05
2-Hexanone	HXO2	F	LB1	0.0000			0.006	0	PR	U	ND	MG/KG	03-May-96	1445	03-May-96	1305	SW5030	SWB240	5971	03-22-96	0.05
Methylene chloride	MTLNCL	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1445	03-May-96	1305	SW5030	SWB240	5971	03-22-96	0.005
4-Methyl-2-pentanone	MIBK	F	LB1	0.0000			0.005	0	PR	U	ND	MG/KG	03-May-96	1445	03-May-96	1305	SW5030	SWB240	5971	03-22-96	0.05
Styrene	STY	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1445	03-May-96	1305	SW5030	SWB240	5971	03-22-96	0.005
1,1,2,2-Tetrachloroethane	PCA	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1445	03-May-96	1305	SW5030	SWB240	5971	03-22-96	0.005
Tetrachloroethene	PCE	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1445	03-May-96	1305	SW5030	SWB240	5971	03-22-96	0.005
Toluene	BZME	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1445	03-May-96	1305	SW5030	SWB240	5971	03-22-96	0.005
1,1,1-Trichloroethane	TCA111	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1445	03-May-96	1305	SW5030	SWB240	5971	03-22-96	0.005
Trichloroethane	TCA112	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1445	03-May-96	1305	SW5030	SWB240	5971	03-22-96	0.005
Broethene	TCE	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1445	03-May-96	1305	SW5030	SWB240	5971	03-22-96	0.005
Vinyl acetate	VA	F	LB1	0.0000			0.01	0	PR	U	ND	MG/KG	03-May-96	1445	03-May-96	1305	SW5030	SWB240	5971	03-22-96	0.05
Vinyl chloride	VC	F	LB1	0.0000			0.002	0	PR	U	ND	MG/KG	03-May-96	1445	03-May-96	1305	SW5030	SWB240	5971	03-22-96	0.01
Xylenes	XYLINES	F	LB1	0.0000			0.001	0	PR	U	ND	MG/KG	03-May-96	1445	03-May-96	1305	SW5030	SWB240	5971	03-22-96	0.005
Dibromo fluoro methane (SS)	DBFM	T	LB1	100	76	114	94.3	PR	%	MG/KG	03-May-96	1445	03-May-96	1305	SW5030	SWB240	5971	03-22-96	0.005		
Toluene-d8 (SS)	BZMED8	T	LB1	100	86	110	103	PR	%	MG/KG	03-May-96	1445	03-May-96	1305	SW5030	SWB240	5971	03-22-96			
Bromofluorobenzene (SS)	BR4FBZ	T	LB1	100	88	115	90.4	PR	%	MG/KG	03-May-96	1445	03-May-96	1305	SW5030	SWB240	5971	03-22-96			

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 155807
 Lab Sample ID 96-0898-07MS1
 Lab Batch No. 96S28

Date Received 30-Apr-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 91.9

431 365

Volatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acetone	ACE	F	MS1	0.0500	10	200	25	0.01	0.063	PR	J	TR	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.1
Benzene	BZ	F	MS1	0.0500	65	145	35	0.001	0.054	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
Bromodichloromethane	BDCME	F	MS1	0.0500	35	155	30	0.001	0.056	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
Bromoform	TBME	F	MS1	0.0500	45	169	25	0.001	0.058	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
Bromomethane	BRME	F	MS1	0.0500	10	242	50	0.001	0.048	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.01	
2-Butanone	MEK	F	MS1	0.0500	50	150	25	0.005	0.064	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.05	
Carbon disulfide	CDS	F	MS1	0.0500	10	200	25	0.01	0.051	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
Carbon tetrachloride	CTCL	F	MS1	0.0500	70	140	25	0.001	0.054	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
Chlorobenzene	CLBZ	F	MS1	0.0500	37	160	30	0.001	0.053	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
Chlorodibromomethane	BDCME	F	MS1	0.0500	53	149	30	0.001	0.057	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
Chloroethane	CLEA	F	MS1	0.0500	10	254	50	0.002	0.053	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.01	
2-Chloroethyl vinyl ether	CEVETH	F	MS1	0.0500	10	305	50	0.005	0.041	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.01	
Chloroform	TCLME	F	MS1	0.0500	51	138	30	0.001	0.055	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
Chloromethane	CLME	F	MS1	0.0500	10	273	50	0.002	0.058	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.01	
1,1-Dichloroethane	DCA11	F	MS1	0.0500	59	155	25	0.001	0.050	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
1,2-Dichloroethane	DCA12	F	MS1	0.0500	49	155	30	0.001	0.053	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
1,1-Dichloroethylene	DCE11	F	MS1	0.0500	50	130	35	0.001	0.052	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
cis-1, 2-Dichloroethylene	DCE12C	F	MS1	0.0500	70	130	20	0.001	0.054	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
trans-1, 2-Dichloroethylene	DCE12T	F	MS1	0.0500	70	130	20	0.001	0.050	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
1,2-Dichloropropane	DCPA12	F	MS1	0.0500	10	210	50	0.001	0.055	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
cis-1, 3-Dichloropropene	DCP13C	F	MS1	0.0500	10	227	50	0.001	0.054	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
trans-1, 3-Dichloropropene	DCP13T	F	MS1	0.0500	17	183	35	0.001	0.055	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
Ethylbenzene	EBZ	F	MS1	0.0500	37	162	35	0.001	0.054	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
2-Hexanone	HXO2	F	MS1	0.0500	50	150	25	0.006	0.048	PR	J	TR	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005
Methylene chloride	MTLNCL	F	MS1	0.0500	10	221	35	0.001	0.054	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.05	
4-Methyl-2-pentanone	MIBK	F	MS1	0.0500	50	150	25	0.005	0.044	PR	J	TR	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005
Styrene	STY	F	MS1	0.0500	50	150	25	0.001	0.054	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
1,1,2,2-Tetrachloroethane	PCA	F	MS1	0.0500	46	157	35	0.001	0.052	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
Tetrachloroethylene	PCE	F	MS1	0.0500	64	148	25	0.001	0.052	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
Toluene	BZME	F	MS1	0.0500	47	150	25	0.001	0.530	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
1,1,1-Trichloroethane	TCA111	F	MS1	0.0500	52	162	25	0.001	0.056	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
1,1,2-Trichloroethane	TCA112	F	MS1	0.0500	52	150	25	0.001	0.054	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0	
Trichloroethylene	TCE	F	MS1	0.0500	35	150	30	0.001	0.055	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
Vinyl acetate	VA	F	MS1	0.0500	50	150	25	0.01	0.048	PR	J	TR	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005
Vinyl chloride	VC	F	MS1	0.0500	10	251	30	0.002	0.052	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
Xylenes	XYLENES	F	MS1	0.1500	50	150	25	0.001	0.162	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
Dibromofluoromethane (SS)	DBFM	T	MS1	100	78	114			101	PR	%	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96		
Toluene-d8 (SS)	BZMEDB	T	MS1	100	86	110			96.3	PR	%	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96		
Bromofluorobenzene (SS)	BR4FBZ	T	MS1	100	88	115			100	PR	%	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96		

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 155807
 Lab Sample ID 96-0898-07SD1
 Batch No. 96S28

Date Received 30-Apr-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 91.9

431 366

All Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acetone	ACE	F	SD1	0.0500	10	200	25	0.01	0.065	PR	J	TR	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.1
Benzene	BZ	F	SD1	0.0500	85	145	35	0.001	0.056	PR			MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005
1,1-dichloromethane	BDCME	F	SD1	0.0500	35	155	30	0.001	0.058	PR			MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005
Formoform	TBME	F	SD1	0.0500	45	189	25	0.001	0.062	PR			MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005
Bromomethane	BRME	F	SD1	0.0500	10	242	50	0.001	0.055	PR			MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.01
2-Butanone	MEK	F	SD1	0.0500	50	150	25	0.005	0.071	PR			MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.05
Carbon disulfide	CDS	F	SD1	0.0500	10	200	25	0.01	0.058	PR			MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005
Carbon tetrachloride	CTCL	F	SD1	0.0500	70	140	25	0.001	0.058	PR			MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005
Chlorobenzene	CLBZ	F	SD1	0.0500	37	160	30	0.001	0.057	PR			MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005
Chlorodibromomethane	BDCME	F	SD1	0.0500	53	149	30	0.001	0.060	PR			MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005
Chloroethane	CLEA	F	SD1	0.0500	10	254	50	0.002	0.055	PR			MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.01
Chloroethyl vinyl ether	CEVETH	F	SD1	0.0500	10	305	50	0.005	0.051	PR			MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.01
Formoform	TCLME	F	SD1	0.0500	51	138	30	0.001	0.058	PR			MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005
Chloromethane	CLME	F	SD1	0.0500	10	273	50	0.002	0.058	PR			MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.01
1,1-Dichloroethane	DCA11	F	SD1	0.0500	59	155	25	0.001	0.057	PR			MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005
1,2-Dichloroethane	DCA12	F	SD1	0.0500	49	155	30	0.001	0.058	PR			MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005
1,1-Dichloroethene	DCE11	F	SD1	0.0500	50	130	35	0.001	0.057	PR			MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005
s-1, 2-Dichloroethene	DCE12C	F	SD1	0.0500	70	130	20	0.001	0.058	PR			MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005
ans-1, 2-Dichloroethene	DCE12T	F	SD1	0.0500	70	130	20	0.001	0.058	PR			MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005
1,2-Dichloropropane	DCPA12	F	SD1	0.0500	10	210	50	0.001	0.057	PR			MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005
cis-1, 3-Dichloropropene	DCP13C	F	SD1	0.0500	10	227	50	0.001	0.058	PR			MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005
trans-1, 3-Dichloropropene	DCP13T	F	SD1	0.0500	17	183	35	0.001	0.059	PR			MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005
Phenylbenzene	EBZ	F	SD1	0.0500	37	162	35	0.001	0.058	PR			MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005
Hexanone	HXO2	F	SD1	0.0500	50	150	25	0.006	0.081	PR			MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005
Methylene chloride	MTLNCL	F	SD1	0.0500	10	221	35	0.001	0.059	PR			MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005
4-Methyl-2-pentanone	MIBK	F	SD1	0.0500	50	150	25	0.005	0.052	PR			MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.05
Tyrene	STY	F	SD1	0.0500	50	150	25	0.001	0.058	PR			MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005
1,2,2-Tetrachloroethane	PCA	F	SD1	0.0500	46	157	35	0.001	0.058	PR			MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005
Tetrachloroethene	PCE	F	SD1	0.0500	64	148	25	0.001	0.058	PR			MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005
Toluene	BZME	F	SD1	0.0500	47	150	25	0.001	0.058	PR			MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005
1,1,1-Trichloroethane	TCA111	F	SD1	0.0500	52	162	25	0.001	0.056	PR			MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005
1,1-Chloroethane	TCA112	F	SD1	0.0500	52	150	25	0.001	0.057	PR			MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005
Olethane	TCE	F	SD1	0.0500	35	150	30	0.001	0.057	PR			MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005
Vinyl acetate	VA	F	SD1	0.0500	50	150	25	0.01	0.050	PR	J	TR	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.05
Vinyl chloride	VC	F	SD1	0.0500	10	251	30	0.002	0.056	PR			MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.01
Vinylenes	XYLENES	F	SD1	0.1500	50	150	25	0.001	0.172	PR			MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005
Ibromofluoromethane (SS)	DBFM	T	SD1	100	76	114			101	PR	%	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96		
oluene-d8 (SS)	BZMED8	T	SD1	100	88	110			98.2	PR	%	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96		
Bromofluorobenzene (SS)	BR4FBZ	T	SD1	100	86	115			101	PR	%	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96		

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID LABQC
 Lab Sample ID 96-0898-00LB1
 Lab Batch No. 96W29

Date Received 03-May-96
 Matrix/Basis W/X
 Dilution Factor 1
 Total Solids(%) N/A

431 367

Volatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acetone	ACE	F	LB1	0.0000			10	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	100
Benzene	BZ	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
Bromodichloromethane	BDCME	F	LB1	0.0000			2	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
Bromoform	TBME	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
Bromomethane	BRME	F	LB1	0.0000			2	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	10
2-Butanone	MEK	F	LB1	0.0000			6	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	50
Carbon disulfide	CDS	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
Carbon tetrachloride	CTCL	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
Chlorobenzene	CLBZ	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
Chlorodibromomethane	BDCME	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
Chloroethane	CLEA	F	LB1	0.0000			2	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	10
2-Chloroethyl vinyl ether	CEVETH	F	LB1	0.0000			5	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	10
Chloroform	TCLME	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
Chloromethane	CLME	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	10
1,1-Dichloroethane	DCA11	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
1,2-Dichloroethane	DCA12	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
1,1-Dichloroethene	DCE11	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
cis-1, 2-Dichloroethene	DCE12C	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
trans-1, 2-Dichloroethene	DCE12T	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
1,2-Dichloropropane	DCPA12	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
cis-1, 3-Dichloropropene	DCP13C	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
trans-1, 3-Dichloropropene	DCP13T	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
Ethylbenzene	EBZ	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
2-Hexanone	HXO2	F	LB1	0.0000			6	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	50
Methylene chloride	MTLNCL	F	LB1	0.0000			3	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
4-Methyl-2-pentanone	MIBK	F	LB1	0.0000			5	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	50
Styrene	STY	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
1,1,2,2-Tetrachloroethane	PCA	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
Tetrachloroethene	PCE	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
Toluene	BZME	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
1,1,1-Trichloroethane	TCA111	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
1,1,2-Trichloroethane	TCA112	F	LB1	0.0000			2	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	-
Trichloroethane	TCE	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	-
Vinyl acetate	VA	F	LB1	0.0000			10	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	-
Vinyl chloride	VC	F	LB1	0.0000			2	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	10
Xylenes	XYLEMES	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
Dibromoform (SS)	DBFM	T	LB1	100	76	114		93.6	PR	%	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	-	
Toluene-d8 (SS)	BZMED8	T	LB1	100	88	110		103	PR	%	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	-	
Bromofluorobenzene (SS)	BR4FBZ	T	LB1	100	86	115		81.7	PR	%	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	-	

Chase A. Thibodaux
Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 155904
 Lab Sample ID: 96-0898-13MS1
 Lab Batch No.: 96W29

Date Received: 30-Apr-96
 Matrix/Basis: W/X
 Dilution Factor: 1
 Total Solids(%): N/A

431 368

Volatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acetone	ACE	F	MS1	50.0000	10	200	25	10	52.0	PR	J	TR	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SW8240	5971	03-22-96	100
Benzene	BZ	F	MS1	50.0000	65	145	35	1	49.5	PR	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SW8240	5971	03-22-96	5	
Bromodichloromethane	BDCME	F	MS1	50.0000	35	155	32	2	54.5	PR	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SW8240	5971	03-22-96	5	
Bromoform	TBME	F	MS1	50.0000	45	165	27	1	62.5	PR	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SW8240	5971	03-22-96	5	
Bromomethane	BRME	F	MS1	50.0000	10	242	90	2	52.8	PR	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SW8240	5971	03-22-96	10	
2-Butanone	MEK	F	MS1	50.0000	50	150	25	6	54.9	PR	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SW8240	5971	03-22-96	50	
Carbon disulfide	CDS	F	MS1	50.0000	10	200	25	1	53.9	PR	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SW8240	5971	03-22-96	5	
Carbon tetrachloride	CTCL	F	MS1	50.0000	70	140	26	1	48.2	PR	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SW8240	5971	03-22-96	5	
Chlorobenzene	CLBZ	F	MS1	50.0000	37	160	32	1	49.3	PR	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SW8240	5971	03-22-96	5	
Chlorodibromomethane	BDCME	F	MS1	50.0000	53	149	31	1	60.2	PR	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SW8240	5971	03-22-96	5	
Chloroethane	CLEA	F	MS1	50.0000	10	254	57	2	54.4	PR	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SW8240	5971	03-22-96	10	
2-Chloroethyl vinyl ether	CEVETH	F	MS1	0.0000				5	0	PR	U	ND	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SW8240	5971	03-22-96	10
Chloroform	TCLME	F	MS1	50.0000	51	138	31	1	54.6	PR	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SW8240	5971	03-22-96	5	
Chloromethane	CLME	F	MS1	50.0000	10	273	99	1	57.8	PR	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SW8240	5971	03-22-96	10	
1,1-Dichloroethane	DCA11	F	MS1	50.0000	59	155	26	1	52.6	PR	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SW8240	5971	03-22-96	5	
1,2-Dichloroethane	DCA12	F	MS1	50.0000	49	155	30	1	54.5	PR	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SW8240	5971	03-22-96	5	
1,1-Dichloroethene	DCE11	F	MS1	50.0000	50	130	41	1	53.5	PR	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SW8240	5971	03-22-96	5	
cis-1, 2-Dichloroethene	DCE12C	F	MS1	50.0000	70	130	20	1	52.4	PR	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SW8240	5971	03-22-96	5	
trans-1, 2-Dichloroethene	DCE12T	F	MS1	50.0000	70	130	20	1	50.6	PR	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SW8240	5971	03-22-96	5	
1,2-Dichloropropane	DCPA12	F	MS1	50.0000	10	210	69	1	51.1	PR	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SW8240	5971	03-22-96	5	
cis-1, 3-Dichloropropene	DCP13C	F	MS1	50.0000	10	227	79	1	53.0	PR	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SW8240	5971	03-22-96	5	
trans-1, 3-Dichloropropene	DCP13T	F	MS1	50.0000	17	183	52	1	57.6	PR	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SW8240	5971	03-22-96	5	
Ethylbenzene	EBZ	F	MS1	50.0000	37	162	38	1	48.8	PR	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SW8240	5971	03-22-96	5	
2-Hexanone	HXO2	F	MS1	50.0000	50	150	25	6	54	PR	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SW8240	5971	03-22-96	50	
Methylene chloride	MTLNCL	F	MS1	50.0000	10	221	37	3	56.4	PR	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SW8240	5971	03-22-96	5	
4-Methyl-2-pentanone	MBK	F	MS1	50.0000	50	150	25	5	36.9	PR	J	TR	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SW8240	5971	03-22-96	50
Styrene	STY	F	MS1	50.0000	50	150	25	1	50.6	PR	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SW8240	5971	03-22-96	5	
1,1,2,2-Tetrachloroethane	PCA	F	MS1	50.0000	46	157	37	1	52.4	PR	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SW8240	5971	03-22-96	5	
Tetrachloroethene	PCE	F	MS1	50.0000	64	148	25	1	46.2	PR	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SW8240	5971	03-22-96	5	
Toluene	BZME	F	MS1	50.0000	47	150	24	1	44.4	PR	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SW8240	5971	03-22-96	5	
1,1,1-Trichloroethane	TCA11	F	MS1	50.0000	52	162	23	1	48.5	PR	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SW8240	5971	03-22-96	5	
1,1,2-Trichloroethane	TCA112	F	MS1	50.0000	52	150	28	2	58.6	PR	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SW8240	5971	03-22-96	5	
Trichloroethene	TCE	F	MS1	50.0000	35	150	33	1	49.2	PR	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SW8240	5971	03-22-96	5	
Vinyl acetate	VA	F	MS1	50.0000	50	150	25	10	55.9	PR	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SW8240	5971	03-22-96	50	
Vinyl chloride	VC	F	MS1	50.0000	10	251	100	2	52.3	PR	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SW8240	5971	03-22-96	10	
yes	XYLEMES	F	MS1	150.0000	50	150	25	1	148	PR	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SW8240	5971	03-22-96	5	
1,1,1,2-Tetrafluoromethane (SS)	DBFM	T	MS1	100	76	114			108	PR	%	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SW8240	5971	03-22-96		
Toluene-d8 (SS)	BZMED8	T	MS1	100	88	110			86.5	PR	%	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SW8240	5971	03-22-96		
Bromofluorobenzene (SS)	BR4FBZ	T	MS1	100	86	115			104	PR	%	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SW8240	5971	03-22-96		

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 155904
 Lab Sample ID 96-0898-13SD1
 Lab Batch No. 96W29

Date Received 30-Apr-96
 Matrix/Basis W/X
 Dilution Factor 1
 Total Solids(%) N/A

431 369

Volatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acetone	ACE	F	SD1	50.0000	10	200	25	10	53.1	PR	J	TR	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	100
Benzene	BZ	F	SD1	50.0000	65	145	35	1	50.4	PR		=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5
Bromodichloromethane	BDCME	F	SD1	50.0000	35	155	32	2	53.1	PR		=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	1
Bromoform	TBME	F	SD1	50.0000	45	169	27	1	55.8	PR		=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	1
Bromomethane	BRME	F	SD1	50.0000	10	242	90	2	49.2	PR		=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	10
2-Butanone	MEK	F	SD1	50.0000	50	150	25	6	55.6	PR		=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	50
Carbon disulfide	CDS	F	SD1	50.0000	10	200	25	1	50.9	PR		=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5
Carbon tetrachloride	CTCL	F	SD1	50.0000	70	140	28	1	48.8	PR		=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	1
Chlorobenzene	CLBZ	F	SD1	50.0000	37	160	32	1	50.3	PR		=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	1
Chlorodibromomethane	BDCME	F	SD1	50.0000	53	149	31	1	54.7	PR		=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5
Chloroethane	CLEA	F	SD1	50.0000	10	254	57	2	52.8	PR		=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	10
2-Chloroethyl vinyl ether	CEVETH	F	SD1	0.0000				5	0	PR	U	ND	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	10
Chloroform	TCLME	F	SD1	50.0000	51	138	31	1	55.4	PR		=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	1
Chloromethane	CLME	F	SD1	50.0000	10	273	99	1	55.4	PR		=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	10
1,1-Dichloroethane	DCA11	F	SD1	50.0000	59	155	26	1	51.8	PR		=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5
1,2-Dichloroethane	DCA12	F	SD1	50.0000	49	155	30	1	55.4	PR		=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5
1,1-Dichloroethene	DCE11	F	SD1	50.0000	50	130	41	1	51.0	PR		=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5
cis-1, 2-Dichloroethene	DCE12C	F	SD1	50.0000	70	130	20	1	51.6	PR		=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5
trans-1, 2-Dichloroethene	DCE12T	F	SD1	50.0000	70	130	20	1	50.4	PR		=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5
1,2-Dichloropropane	DCPA12	F	SD1	50.0000	10	210	69	1	52.6	PR		=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5
cis-1, 3-Dichloropropene	DCP13C	F	SD1	50.0000	10	227	79	1	52.6	PR		=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5
trans-1, 3-Dichloropropene	DCP13T	F	SD1	50.0000	17	183	52	1	54.1	PR		=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5
Ethylbenzene	EBZ	F	SD1	50.0000	37	182	38	1	50.9	PR		=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5
2-Hexanone	HXO2	F	SD1	50.0000	50	150	25	6	54.8	PR		=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	50
Methylene chloride	MTLNCL	F	SD1	50.0000	10	221	37	3	54.7	PR		=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5
4-Methyl-2-pentanone	MIBK	F	SD1	50.0000	50	150	25	5	40.0	PR	J	TR	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	50
Styrene	STY	F	SD1	50.0000	50	150	25	1	48.5	PR		=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5
1,1,2,2-Tetrachloroethane	PCA	F	SD1	50.0000	46	157	37	1	54.2	PR		=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5
Tetrachloroethene	PCE	F	SD1	50.0000	64	148	25	1	48.7	PR		=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5
Toluene	BZME	F	SD1	50.0000	47	150	24	1	48.6	PR		=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5
1,1,1-Trichloroethane	TCA111	F	SD1	50.0000	52	162	23	1	47.8	PR		=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5
1,1,2-Trichloroethane	TCA112	F	SD1	50.0000	52	150	28	2	54.7	PR		=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5
Trichloroethene	TCE	F	SD1	50.0000	35	150	33	1	49.5	PR		=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5
Vinyl acetate	VA	F	SD1	50.0000	50	150	25	10	53.1	PR		=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5
Vinyl chloride	VC	F	SD1	50.0000	10	251	100	2	51.8	PR		=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	10
Xylenes	XYLEMES	F	SD1	150.0000	50	150	25	1	151	PR		=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5
Dibromofluoromethane (SS)	DBFM	T	SD1	100	76	114		106	PR		%	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96		
Toluene-d8 (SS)	BZMED8	T	SD1	100	88	110		94.9	PR		%	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96		
Bromofluorobenzene (SS)	BR4FBZ	T	SD1	100	86	115		102	PR		%	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96		

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID LABOC
 Lab Sample ID 96-0918-00LB1
 Lab Batch No. SVS83

Date Received 06-May-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 100

431 370

SemiVolatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acenaphthene	ACNP	F	LB1	0.0000			35	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
Acenaphthylene	ACNPY	F	LB1	0.0000			35	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
Anthracene	ANTH	F	LB1	0.0000			38	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
Benz(a)anthracene	BZAA	F	LB1	0.0000			26.1	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
Benz(a)pyrene	BZAP	F	LB1	0.0000			41.9	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
Benz(b)fluoranthene	BZBF	F	LB1	0.0000			33.3	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
Benz(g,h,i)perylene	BZGHIP	F	LB1	0.0000			54.8	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
Benz(k)fluoranthene	BZKF	F	LB1	0.0000			86.5	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
Benzoic acid	BZACID	F	LB1	0.0000			59.1	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	1650
Benzyl alcohol	BZLAL	F	LB1	0.0000			47.9	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	660
bis(2-Chloroethoxy)methane	BECEM	F	LB1	0.0000			43.6	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
bis(2-Chloroethyl)ether	BIS2CEE	F	LB1	0.0000			51.2	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
bis(2-Chloroisopropyl)ether	BIS2CIE	F	LB1	0.0000			55.8	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
bis(2-Ethylhexyl)phthalate	BIS2EHP	F	LB1	0.0000			92.4	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
4-Bromophenyl-phenyl ether	BPPE4	F	LB1	0.0000			33.3	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
Butylbenzylphthalate	BBP	F	LB1	0.0000			39.3	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
4-Chloro-3-methylphenol	C4M3PH	F	LB1	0.0000			48.8	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	660
4-Chloroaniline	CLANIL4	F	LB1	0.0000			53.8	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	660
2-Chlorophenol	CLPH2	F	LB1	0.0000			57.1	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
4-Chlorophenyl-phenyl ether	CPPE4	F	LB1	0.0000			35.3	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
2-Chloronaphthalene	CNPH2	F	LB1	0.0000			29	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
Chrysene	CHRYSENE	F	LB1	0.0000			32	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
Di-n-butylphthalate	DNPB	F	LB1	0.0000			55.1	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
Di-n-octylphthalate	DNOP	F	LB1	0.0000			57.1	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
Dibenzo(a,h)anthracene	DBZAHP	F	LB1	0.0000			50.2	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
Dibenzofuran	DBF	F	LB1	0.0000			37.3	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
1,2-Dichlorobenzene	DCBZ12	F	LB1	0.0000			51.5	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
1,3-Dichlorobenzene	DCBZ13	F	LB1	0.0000			52.1	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
1,4-Dichlorobenzene	DCBZ14	F	LB1	0.0000			52.8	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
3,3'-Dichlorobenzidine	DBZD33	F	LB1	0.0000			81.8	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	660
2,4-Dichlorophenol	DCP24	F	LB1	0.0000			52.8	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
Diethylphthalate	DEPH	F	LB1	0.0000			47.2	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
2,4-Dimethylphenol	DMP24	F	LB1	0.0000			43.9	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
Dimethylphthalate	DMPH	F	LB1	0.0000			36.6	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
2,6-Dintrotoluene	DNT26	F	LB1	0.0000			36	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
2,4-Dinitrophenol	DNP24	F	LB1	0.0000			39.6	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	1650
1,6-Dinitro-2-methylphenol	DN46M	F	LB1	0.0000			50.8	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	1650
2,4-Dinitrotoluene	DNT24	F	LB1	0.0000			32.7	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
Fluoranthene	FLA	F	LB1	0.0000			40.6	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
Fluorene	FL	F	LB1	0.0000			35.3	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
Hexachlorobenzene	HCLBZ	F	LB1	0.0000			33	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
Hexachlorobutadiene	HCBU	F	LB1	0.0000			47.9	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
Hexachlorocyclopentadiene	HCCP	F	LB1	0.0000			61.4	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
Hexachloroethane	HCLEA	F	LB1	0.0000			46.2	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
Indeno(1,2,3-cd)pyrene	INP123	F	LB1	0.0000			54.5	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
Isophorone	ISOP	F	LB1	0.0000			47.9	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
2-Methylnaphthalene	MTNPH2	F	LB1	0.0000			48.2	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
2-Methylphenol	MEPH2	F	LB1	0.0000			52.8	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
4-Methylphenol	MEPH4	F	LB1	0.0000			54.8	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
N-Nitroso-di-n-propylamine	NNSPR	F	LB1	0.0000			55.4	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
N-Nitrosodiphenylamine	NNSPH	F	LB1	0.0000			38	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
Naphthalene	NAPH	F	LB1	0.0000			39.9	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
2-Nitroaniline	NO2ANIL2	F	LB1	0.0000			38.3	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	1650
4-Nitroaniline	NO2ANIL4	F	LB1	0.0000			73.6	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	1650
3-Nitroaniline	NO2ANIL3	F	LB1	0.0000			43.9	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	1650
Nitrobenzene	NO2BZ	F	LB1	0.0000			49.5	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
2-Nitrophenol	NTPH2	F	LB1	0.0000			46.5	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SW8270	5972	03-19-96	330
4-Nitrophenol	NTP																				

Laboratory ID CERTES
 Project No. 10K70200
 Client ID LABQC
 Lab Sample ID 96-0918-00BS1
 Lab Batch No. SVS83

Date Received 06-May-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 100

431 371

SemiVolatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL
Acenaphthene	ACNP	F	BS1	6600.0000	47	145	28	35	5730	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
Acenaphthylene	ACNPY	F	BS1	6600.0000	33	145	40	35	6310	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
Anthracene	ANTH	F	BS1	6600.0000	27	133	32	38	5060	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
Benz(a)anthracene	BZAA	F	BS1	6600.0000	33	143	28	26.1	5590	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
Benz(a)pyrene	BZAP	F	BS1	6600.0000	17	163	39	41.9	5740	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
Benz(b)fluoranthene	BZBF	F	BS1	6600.0000	24	159	39	33.3	5820	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
Benz(p,h,i)phenylene	BZGHIP	F	BS1	6600.0000	10	219	59	54.8	5190	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
Benz(k)fluoranthene	BZKF	F	BS1	6600.0000	11	162	32	86.5	4800	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
Benzzoic acid	BZACID	F	BS1	6600.0000	10	200	50	59.1	5850	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	1650
Benzyl alcohol	BZLAL	F	BS1	6600.0000	10	200	50	47.9	5980	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	660
bis(2-Chloroethoxy)methane	BECEM	F	BS1	6600.0000	33	184	35	43.6	4740	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
bis(2-Chloroethyl)ether	BIS2CEE	F	BS1	6600.0000	12	158	55	51.2	5140	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
bis(2-Chloroisopropyl)ether	BIS2CIE	F	BS1	6600.0000	36	166	46	55.8	4640	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
bis(2-Ethylhexyl)phthalate	BIS2EHP	F	BS1	6600.0000	8	158	41	92.4	5300	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
4-Bromophenyl-phenyl ether	BPP4	F	BS1	6600.0000	53	127	23	33.3	4980	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
Butylbenzylphthalate	BBP	F	BS1	6600.0000	10	152	23	39.3	4940	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
4-Chloro-3-methylphenol	C4M3PH	F	BS1	6600.0000	22	147	37	48.8	5550	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	660
4-Chloroaniline	CLANL4	F	BS1	6600.0000	10	200	50	53.8	5370	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
2-Chlorophenol	CLPH2	F	BS1	6600.0000	23	134	29	57.1	6530	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
4-Chlorophenyl-phenyl ether	CPPE4	F	BS1	6600.0000	25	158	33	35.3	6490	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
2-Chloronaphthalene	CNP2H	F	BS1	6600.0000	60	118	13	29	5500	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
Chrysene	CHRYSENE	F	BS1	6600.0000	17	168	48	32	5840	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
D-n-butylphthalate	DNBP	F	BS1	6600.0000	10	118	17	55.1	4500	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
D-n-octylphthalate	DNOP	F	BS1	6600.0000	4	146	31	57.1	4910	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
Dibenzo(a,h)anthracene	DBZAHP	F	BS1	6600.0000	10	227	70	50.2	5410	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
Dibenzofuran	DBF	F	BS1	6600.0000	10	200	50	37.3	5880	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
1,2-Dichlorobenzene	DCBZ12	F	BS1	6600.0000	32	129	31	51.5	6100	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
1,3-Dichlorobenzene	DCBZ13	F	BS1	6600.0000	10	172	42	52.1	6010	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
1,4-Dichlorobenzene	DCBZ14	F	BS1	6600.0000	20	124	32	52.8	6100	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
3,3'-Dichlorobenzidine	DBZD33	F	BS1	6600.0000	10	262	71	81.8	5980	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	660
2,4-Dichlorophenol	DCP24	F	BS1	6600.0000	39	135	26	52.8	5440	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
Diethylphthalate	DEPH	F	BS1	6600.0000	10	114	27	47.2	6640	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
2,4-Dimethylphenol	DMP24	F	BS1	6600.0000	32	119	26	43.9	5050	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
Dimethylphthalate	DMPH	F	BS1	6600.0000	10	112	23	36.6	5390	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
2,6-Dinitrotoluene	DNT26	F	BS1	6600.0000	50	158	30	36	5590	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	1650
2,4-Dinitrophenol	DNP24	F	BS1	6600.0000	10	191	50	39.8	4760	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
4,6-Dinitro-2-methylphenol	DN46M	F	BS1	6600.0000	10	181	93	50.8	4030	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
2,4-Dinitrotoluene	DNT24	F	BS1	6600.0000	39	139	22	32.7	5590	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
Fluoranthene	FLA	F	BS1	6600.0000	26	137	33	40.6	5030	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
Fluorene	FL	F	BS1	6600.0000	59	121	21	35.3	5580	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
Hexachlorobenzene	HCLBZ	F	BS1	6600.0000	10	152	25	33	5010	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
Hexachlorobutadiene	HCBU	F	BS1	6600.0000	24	116	26	47.9	6890	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
Hexachlorocyclopentadiene	HCCP	F	BS1	6600.0000	10	200	50	61.4	8270	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
Hexachloroethane	HCLEA	F	BS1	6600.0000	40	113	25	46.2	6760	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
Indeno(1,2,3-cd)pyrene	INP123	F	BS1	6600.0000	10	171	45	54.5	5360	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
Isophorone	ISOP	F	BS1	6600.0000	21	196	63	47.9	5790	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
2-Methylnaphthalene	MTNPH2	F	BS1	6600.0000	10	200	50	48.2	6000	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
2-Methylphenol	MEPH2	F	BS1	6600.0000	10	145	25	52.8	6010	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
4-Methylphenol	MEPH4	F	BS1	6600.0000	25	135	40	54.8	5660	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
N-Nitroso-di-n-propylamine	NNSPR	F	BS1	6600.0000	10	230	55	55.4	6120	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
N-Nitrosodiphenylamine	NNSPH	F	BS1	6600.0000	10	200	50	38	4720	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
Naphthalene	NAPH	F	BS1	6600.0000	21	133	30	39.9	5750	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	330
2-Nitroaniline	NO2ANIL2	F	BS1	6600.0000	10	200	50	38.3	6160	PR	=	UG/KG	06-May-96	1342	07-May-96	1311	SW3550	SWB270	5972	03-19-96	1650
4-Nitroaniline	NO2ANIL4	F	BS1	6600.0000	10	200	50	73.6													

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 11205
 Lab Sample ID: 96-0918-05MS1
 Lab Batch No.: SVS83

Date Received: 03-May-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 90.7

431 372

Non-Volatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acenaphthene	ACNP	F	MS1	6600.0000	47	145	28	35	6100	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Acenaphthylene	ACNPY	F	MS1	6600.0000	33	145	40	35	6650	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Anthracene	ANTH	F	MS1	6600.0000	27	133	32	38	5050	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Benz(a)anthracene	BZAA	F	MS1	6600.0000	33	143	28	26.1	5920	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Benz(a)pyrene	BZAP	F	MS1	6600.0000	17	163	39	41.9	6040	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Benz(b)fluoranthene	BZBF	F	MS1	6600.0000	24	159	39	33.3	5950	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Benz(g,h,i)perylene	BZGHIP	F	MS1	6600.0000	10	219	59	54.8	5690	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Benz(k)fluoranthene	BZKF	F	MS1	6600.0000	11	162	32	66.5	5290	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Benzoic acid	BZACID	F	MS1	6600.0000	10	200	50	59.1	2160	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	660	
Benzyl alcohol	BZLAL	F	MS1	6600.0000	10	200	50	47.9	6370	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
bis(2-Chloroethoxy)methane	BECEM	F	MS1	6600.0000	33	184	35	43.6	4800	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
bis(2-Chloroethyl)ether	BIS2CEE	F	MS1	6600.0000	12	158	55	51.2	5370	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
bis(2-Chloroisopropyl)ether	BIS2CIE	F	MS1	6600.0000	36	166	46	55.8	4840	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
bis(2-Ethylhexyl)phthalate	BIS2EHP	F	MS1	6600.0000	8	158	41	92.4	5610	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
4-Bromophenyl-phenyl ether	BPPF4	F	MS1	6600.0000	53	127	23	33.3	5300	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Butylbenzylphthalate	BBP	F	MS1	6600.0000	10	152	23	39.3	5150	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
4-Chloro-3-methylphenol	C4M3PH	F	MS1	6600.0000	22	147	37	48.8	5800	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	660	
4-Chloroaniline	CLANIL4	F	MS1	6600.0000	10	200	50	53.8	5160	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
2-Chlorophenol	CLPH2	F	MS1	6600.0000	23	134	29	57.1	6880	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
4-Chlorophenyl-phenyl ether	CPCPE4	F	MS1	6600.0000	25	158	33	35.3	7040	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
2-Chloronaphthalene	CNP2H2	F	MS1	6600.0000	60	118	13	29	5900	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Chrysene	CHRYSENE	F	MS1	6600.0000	17	168	48	32	6190	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Di-n-butylphthalate	DNPB	F	MS1	6600.0000	10	118	17	55.1	4640	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Di-n-octylphthalate	DNOP	F	MS1	6600.0000	4	146	31	57.1	5060	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Dibenzo(a,h)anthracene	DBZAH	F	MS1	6600.0000	10	227	70	50.2	5830	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Dibenzoofuran	DBF	F	MS1	6600.0000	10	200	50	37.3	6280	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
1,2-Dichlorobenzene	DCBZ12	F	MS1	6600.0000	32	129	31	51.5	6510	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
1,3-Dichlorobenzene	DCBZ13	F	MS1	6600.0000	10	172	42	52.1	6440	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
1,4-Dichlorobenzene	DCBZ14	F	MS1	6600.0000	20	124	32	52.8	6460	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
3,3'-Dichlorobenzidine	DBZD33	F	MS1	6600.0000	10	262	71	81.8	6010	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	660	
2,4-Dichlorophenol	DCP24	F	MS1	6600.0000	39	135	26	52.8	5720	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Diethylphthalate	DEPH	F	MS1	6600.0000	10	114	27	47.2	5750	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
2,4-Dimethylphenol	DMP24	F	MS1	6600.0000	32	119	26	43.9	5330	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Dimethylphthalate	DMPH	F	MS1	6600.0000	10	112	23	36.6	5750	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
2,6-Dinitrotoluene	DNT26	F	MS1	6600.0000	50	158	30	36	5950	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
nitrophenol	DNP24	F	MS1	6600.0000	10	191	50	39.6	4450	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	1650	
2-nitro-2-methylphanol	DN46M	F	MS1	6600.0000	10	181	93	50.8	4450	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	1650	
2-nitrotoluene	DNT24	F	MS1	6600.0000	39	139	22	32.7	5940	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Fluoranthene	FLA	F	MS1	6600.0000	26	137	33	40.6	5120	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Fluorene	FL	F	MS1	6600.0000	59	121	21	35.3	5940	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Hexachlorobenzene	HCLBZ	F	MS1	6600.0000	10	152	25	33	5420	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Hexachlorobutadiene	HCBU	F	MS1	6600.0000	24	116	26	47.9	7190	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Hexachlorocyclopentadiene	HCCP	F	MS1	6600.0000	10	200	50	61.4	9310	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Hexachloroethane	HCLEA	F	MS1	6600.0000	40	113	25	46.2	7200	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Indeno(1,2,3-cd)pyrene	INP123	F	MS1	6600.0000	10	171	45	54.5	5820	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Isophorone	ISOP	F	MS1	6600.0000	21	196	63	47.9	6040	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
2-Methylnaphthalene	MTPNPH2	F	MS1	6600.0000	10	200	50	48.2	6360	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
2-Methylphenol	MEPH2	F	MS1	6600.0000	10	145	25	52.8	6380	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
4-Methylphenol	MEPH4	F	MS1	6600.0000	25	135	40	54.8	5980	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
N-Nitroso-di-n-propylamine	NNSPR	F	MS1	6600.0000	10	230	55	55.4	6410	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
N-Nitrosodiphenylamine	NNSPH	F	MS1	6600.0000	10	200	50	38	4720	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Naphthalene	NAPH	F	MS1	6600.0000	21	133	30	39.9	5880	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
2-Nitroaniline	NO2ANIL2	F	MS1	6600.0000	10	200	50	38.3	6580	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	1650	
4-Nitroaniline	NO2ANIL4	F	MS1	6600.0000	10																	

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 111205
 Lab Sample ID 96-0918-05SD1
 Lab Batch No. SVS83

Date Received 03-May-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 90.7

431 373

SemiVolatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acenaphthene	ACNP	F	SD1	6600.0000	47	145	28	35	6320	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330	
Acenaphthylene	ACNPY	F	SD1	6600.0000	33	145	40	35	7440	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330	
Anthracene	ANTH	F	SD1	6600.0000	27	133	32	38	5300	PR	%	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330	
Benz(a)anthracene	BZAA	F	SD1	6600.0000	33	143	28	26.1	5910	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330	
Benz(a)pyrene	BZAP	F	SD1	6600.0000	17	163	39	41.9	6500	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330	
Benz(b)fluoranthene	BZBF	F	SD1	6600.0000	24	159	39	33.3	5950	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330	
Benz(g,h,i)perylene	BZGHIP	F	SD1	6600.0000	10	219	59	54.8	5600	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330	
Benz(k)fluoranthene	BZKF	F	SD1	6600.0000	11	162	32	86.5	4710	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330	
Benzoic acid	BZACID	F	SD1	6600.0000	10	200	50	59.1	1820	PR	%	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	1650	
Benzyl alcohol	BZLAL	F	SD1	6600.0000	10	200	50	47.9	6640	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	660	
bis(2-Chloroethoxy)methane	BECEM	F	SD1	6600.0000	33	184	35	43.6	5190	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330	
bis(2-Chloroethyl)ether	BIS2CEE	F	SD1	6600.0000	12	158	55	51.2	5580	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330	
bis(2-Chloroisopropyl)ether	BIS2CIE	F	SD1	6600.0000	36	166	46	55.8	5060	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330	
bis(2-Ethylhexyl)phthalate	BIS2EHP	F	SD1	6600.0000	8	158	41	92.4	5820	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330	
4-Bromophenyl-phenyl ether	BPPE4	F	SD1	6600.0000	53	127	23	33.3	5530	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330	
Butylbenzylphthalate	BBP	F	SD1	6600.0000	10	152	23	39.3	5930	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330	
4-Chloro-3-methylphenol	C4M3PH	F	SD1	6600.0000	22	147	37	48.8	6090	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	660	
4-Chloroaniline	CLANIL4	F	SD1	6600.0000	10	200	50	53.8	6660	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	660	
2-Chlorophenol	CLPH2	F	SD1	6600.0000	23	134	29	57.1	7140	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330	
4-Chlorophenyl-phenyl ether	CPPE4	F	SD1	6600.0000	25	158	33	35.3	7590	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330	
2-Chloronaphthalene	CNPH2	F	SD1	6600.0000	60	118	13	29	6020	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330	
Chrysene	CHRYSENE	F	SD1	6600.0000	17	168	48	32	6520	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330	
Di-n-butylphthalate	DNPB	F	SD1	6600.0000	10	118	17	55.1	5380	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330	
Di-n-octylphthalate	DNOP	F	SD1	6600.0000	4	146	31	57.1	5640	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330	
Dibenzo(a,h)anthracene	DBZAH	F	SD1	6600.0000	10	227	70	50.2	5910	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330	
Dibenzofuran	DBF	F	SD1	6600.0000	10	200	50	37.3	6600	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330	
1,2-Dichlorobenzene	DCB12	F	SD1	6600.0000	32	129	31	51.5	6640	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330	
1,3-Dichlorobenzene	DCB13	F	SD1	6600.0000	10	172	42	52.1	7140	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330	
1,4-Dichlorobenzene	DCB14	F	SD1	6600.0000	20	124	32	52.8	6700	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330	
3,3'-Dichlorobenzidine	DBZD33	F	SD1	6600.0000	10	262	71	81.8	6690	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	660	
2,4-Dichlorophenol	DCP24	F	SD1	6600.0000	39	135	26	52.8	5970	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330	
Diethylphthalate	DEPH	F	SD1	6600.0000	10	114	27	47.2	7170	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330	
2,4-Dimethylphenol	DMP24	F	SD1	6600.0000	32	119	26	43.9	5740	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330	
Dimethylphthalate	DMPH	F	SD1	6600.0000	10	112	23	36.6	6140	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330	
2,6-Dinitrotoluene	DNT26	F	SD1	6600.0000	50	158	30	36	6610	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330	
2,4-Dinitrophenol	DNP24	F	SD1	6600.0000	10	191	50	39.6	4490	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	1650	
4,6-Dinitro-2-methylphenol	DN46M	F	SD1	6600.0000	10	181	93	50.8	4710	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	16'	
2,4-Dinitrotoluene	DNT24	F	SD1	6600.0000	39	139	22	32.7	6560	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	33	
Fluorene	FLA	F	SD1	6600.0000	26	137	33	40.6	5590	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330	
Fluoranthene	FL	F	SD1	6600.0000	59	121	21	35.3	6490	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330	
Hexachlorobenzene	HCLBZ	F	SD1	6600.0000	10	152	25	33	5590	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330	
Hexachlorobutadiene	HCBU	F	SD1	6600.0000	24	116	26	47.9	7880	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330	
Hexachlorocyclopentadiene	HCCP	F	SD1	6600.0000	10	200	50	61.4	6630	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330	
Hexachloroethane	HCLEA	F	SD1	6600.0000	40	113	25	46.2	7430	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330	
Indeno(1,2,3-cd)pyrene	INP123	F	SD1	6600.0000	10	171	45	54.5	5860	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330	
Isophorone	ISOP	F	SD1	6600.0000	21	196	63	47.9	6390	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330	
2-Methylnaphthalene	MTPNPH2	F	SD1	6600.0000	10	200	50	48.2	6680	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330	
2-Methylphenol	MEPH2	F	SD1	6600.0000	10	145	25	52.8	6630	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330	
4-Methylphenol	MEPH4	F	SD1	6600.0000	25	135	40	54.8	6180	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330	
N-Nitroso-di-n-propylamine	NNSPR	F	SD1	6600.0000	10	230	55	55.4	6780	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330	
N-Nitrosodiphenylamine	NNSPH	F	SD1	6600.0000	10	200	50	38	5470	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330	
Naphthalene	NAPH	F	SD1	6600.0000	21	133	30	39.9	6590	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330	
2-Nitroaniline	NO2ANIL2	F	SD1	6600.0000	10	200	50	38.3	6830	PR	=	UG/KG	06-May-96	1545</								

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: LABQC
 Lab Sample ID: 96-0908-00LB1
 Lab Batch No.: 1295

Date Received: 03-May-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 100

431 374

ICP Metals

Compound	Analyte Code	S	QC	Spike Level	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aluminum	AL	F	LB1	0.0000	5	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	50
Antimony	SB	F	LB1	0.0000	1	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	40
Arsenic	AS	F	LB1	0.0000	3	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	60
Barium	BA	F	LB1	0.0000	0.4	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	2
Beryllium	BE	F	LB1	0.0000	0.06	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	0.3
Cadmium	CD	F	LB1	0.0000	0.9	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	4
Calcium	CA	F	LB1	0.0000	2	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	10
Chromium	CR	F	LB1	0.0000	1	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	7
Cobalt	CO	F	LB1	0.0000	1	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	7
Copper	CU	F	LB1	0.0000	0.7	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	6
Iron	FE	F	LB1	0.0000	1	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	7
Lead	PB	F	LB1	0.0000	3	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	50
Magnesium	MG	F	LB1	0.0000	3	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	30
Manganese	MN	F	LB1	0.0000	0.2	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	2
Molybdenum	MO	F	LB1	0.0000	1	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	8
Nickel	NI	F	LB1	0.0000	1	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	15
Potassium	K	F	LB1	0.0000	100	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	500
Selenium	SE	F	LB1	0.0000	4	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	80
Silver	AG	F	LB1	0.0000	1	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	7
Sodium	NA	F	LB1	0.0000	5	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	30
Thallium	TL	F	LB1	0.0000	4	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	40
Vanadium	V	F	LB1	0.0000	0.8	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	8
Zinc	ZN	F	LB1	0.0000	0.2	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	2

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: LABQC
 Lab Sample ID: 96-0908-00BS1
 Lab Batch No.: 1295

Date Received: 03-May-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%) 100

431 375

ICP Metals

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aluminum	AL	F	BS1	0.0000				5	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	50
Antimony	SB	F	BS1	0.0000				1	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	40
Arsenic	AS	F	BS1	0.0000				3	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	60
Barium	BA	F	BS1	100.0000	75	125	40	0.4	100	PR	=	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	2	
Beryllium	BE	F	BS1	100.0000	75	125	40	0.06	102	PR	=	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	0.3	
Cadmium	CD	F	BS1	0.0000				0.9	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	4
Calcium	CA	F	BS1	0.0000				2	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	10
Chromium	CR	F	BS1	100.0000	75	125	40	1	103	PR	=	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	7	
Cobalt	CO	F	BS1	100.0000	75	125	40	1	104	PR	=	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	7	
Copper	CU	F	BS1	100.0000	75	125	40	0.7	102	PR	=	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	6	
Iron	FE	F	BS1	0.0000				1	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	7
Lead	PB	F	BS1	0.0000				3	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	50
Magnesium	MG	F	BS1	0.0000				3	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	30
Manganese	MN	F	BS1	0.0000				0.2	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	2
Molybdenum	MO	F	BS1	0.0000				1	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	8
Nickel	NI	F	BS1	0.0000				1	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	15
Potassium	K	F	BS1	0.0000				100	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	500
Selenium	SE	F	BS1	0.0000				4	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	80
Silver	AG	F	BS1	0.0000				1	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	7
Sodium	NA	F	BS1	0.0000				5	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	30
Thallium	TL	F	BS1	100.0000	75	125	40	4	102	PR	=	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	40	
Vanadium	V	F	BS1	100.0000	75	125	40	0.8	102	PR	=	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	8	
Zinc	ZN	F	BS1	100.0000	75	125	40	0.2	103	PR	=	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	2	

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 155801
 Lab Sample ID 96-0898-01MS1
 Batch No. 1295

Date Received 30-Apr-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 79.5

431 376

Metals

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab MD	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aluminum	AL	F	MS1	0.0000				8.3	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	83
Antimony	SB	F	MS1	0.0000				1.3	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	50
Arsenic	AS	F	MS1	0.0000				3.8	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	75
Barium	BA	F	MS1	100.0000	75	125	40	0.5	134	PR	=	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	2.5
Beryllium	BE	F	MS1	100.0000	75	125	40	0.1	136	PR	=	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	0.4
Cadmium	CD	F	MS1	0.0000				1.1	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	5
Calcium	CA	F	MS1	0.0000				2.5	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	13
Chromium	CR	F	MS1	100.0000	75	125	40	1.3	136	PR	=	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	8.8
Cobalt	CO	F	MS1	100.0000	75	125	40	1.3	137	PR	=	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	8.8
Copper	CU	F	MS1	100.0000	75	125	40	0.9	133	PR	=	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	7.5
Iron	FE	F	MS1	0.0000				1.3	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	8.8
Lead	PB	F	MS1	0.0000				3.8	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	63
Magnesium	MG	F	MS1	0.0000				3.8	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	38
Manganese	MN	F	MS1	0.0000				0.3	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	2.5
Molybdenum	MO	F	MS1	0.0000				1.3	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	10
Nickel	NI	F	MS1	0.0000				1.3	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	19
Potassium	K	F	MS1	0.0000				128	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	829
Selenium	SE	F	MS1	0.0000				5	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	101
Silver	AG	F	MS1	0.0000				1.3	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	8.8
Sodium	NA	F	MS1	0.0000				8.3	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	38
Thallium	TL	F	MS1	100.0000	75	125	40	5	138	PR	=	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	50
Vanadium	V	F	MS1	100.0000	75	125	40	1.0	128	PR	=	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	10
Zinc	ZN	F	MS1	100.0000	75	125	40	0.3	143	PR	=	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	2.5

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 155801
 Lab Sample ID 96-0888-01SD1
 Lab Batch No. 1295

Date Received 30-Apr-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 79.5

431 377

ICP Metals

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PCL
Aluminum	AL	F	SD1	0.0000				6.289	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	62.9
Antimony	SB	F	SD1	0.0000				1.258	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	50.3
Arsenic	AS	F	SD1	0.0000				3.774	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	75.5
Barium	BA	F	SD1	100.0000	75	125	40	0.5	136	PR	=	=	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	2.52
Beryllium	BE	F	SD1	100.0000	75	125	40	0.08	134	PR	=	=	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	0.38
Cadmium	CD	F	SD1	0.0000				1.1	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	5.03
Calcium	CA	F	SD1	0.0000				2.518	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	12.6
Chromium	CR	F	SD1	100.0000	75	125	40	1.258	134	PR	=	=	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	8.81
Cobalt	CO	F	SD1	100.0000	75	125	40	1.258	136	PR	=	=	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	8.81
Copper	CU	F	SD1	100.0000	75	125	40	0.9	132	PR	=	=	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	7.55
Iron	FE	F	SD1	0.0000				1.258	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	8.81
Lead	PB	F	SD1	0.0000				3.774	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	62.9
Magnesium	MG	F	SD1	0.0000				3.774	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	37.7
Manganese	MN	F	SD1	0.0000				0.3	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	2.52
Molybdenum	MO	F	SD1	0.0000				1.258	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	10.1
Nickel	NI	F	SD1	0.0000				1.258	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	18.9
Potassium	K	F	SD1	0.0000				125.8	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	829
Selenium	SE	F	SD1	0.0000				5.031	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	101
Silver	AG	F	SD1	0.0000				1.258	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	8.81
Sodium	NA	F	SD1	0.0000				6.289	0	PR	U	ND	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	37.7
Thallium	TL	F	SD1	100.0000	75	125	40	5.031	133	PR	=	=	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	50.3
Vanadium	V	F	SD1	100.0000	75	125	40	1.0	128	PR	=	=	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	10.1
Zinc	ZN	F	SD1	100.0000	75	125	40	0.3	143	PR	=	=	MG/KG	03-May-96	0900	06-May-96	1300	SW3050	SW6010	TJA	05-06-96	2.52

Chase A. Thibodaux
Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: LABQC
 Lab Sample ID: 96-0908-00LB1
 Batch No.: 1296

Date Received: 03-May-96
 Matrix/Basis: W/X
 Dilution Factor: 1
 Total Solids(%): N/A

431 378

TCP Metals

Compound	Analyte Code	S	QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aluminum	AL	F	LB1	0.0000	0.05	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.5
Antimony	SB	F	LB1	0.0000	0.01	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.4
Arsenic	AS	F	LB1	0.0000	0.03	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.6
Barium	BA	F	LB1	0.0000	0.004	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.02
Beryllium	BE	F	LB1	0.0000	0.0006	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.003
Cadmium	CD	F	LB1	0.0000	0.009	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.04
Calcium	CA	F	LB1	0.0000	0.02	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.1
Chromium	CR	F	LB1	0.0000	0.01	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.07
Cobalt	CO	F	LB1	0.0000	0.01	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.07
Copper	CU	F	LB1	0.0000	0.007	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.06
Iron	FE	F	LB1	0.0000	0.01	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.07
Lead	PB	F	LB1	0.0000	0.03	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.3
Magnesium	MG	F	LB1	0.0000	0.03	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.5
Manganese	MN	F	LB1	0.0000	0.002	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.02
Molybdenum	MO	F	LB1	0.0000	0.01	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.08
Nickel	NI	F	LB1	0.0000	0.01	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.15
Potassium	K	F	LB1	0.0000	1	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	5
Selenium	SE	F	LB1	0.0000	0.04	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.8
Silver	AG	F	LB1	0.0000	0.01	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.07
Sodium	NA	F	LB1	0.0000	0.05	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.3
Thallium	TL	F	LB1	0.0000	0.04	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.4
Vanadium	V	F	LB1	0.0000	0.008	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.08
Zinc	ZN	F	LB1	0.0000	0.002	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.02

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: LABQC
 Lab Sample ID: 96-0908-00BS1
 Lab Batch No.: 1296

Date Received: 03-May-96
 Matrix/Basis: W/X
 Dilution Factor: 1
 Total Solids(%): N/A

431 379

ICP Metals

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aluminum	AL	F	BS1	0.0000				0.05	0	PR	U	ND	MG/L	03-May-96	1000	03-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.5
Antimony	SB	F	BS1	0.0000				0.01	0	PR	U	ND	MG/L	03-May-96	1000	03-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.4
Arsenic	AS	F	BS1	0.0000				0.03	0	PR	U	ND	MG/L	03-May-96	1000	03-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.6
Banum	BA	F	BS1	1.0000	80	120	20	0.004	0.996	PR	=	=	MG/L	03-May-96	1000	03-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.003
Beryllium	BE	F	BS1	0.0000	80	120	20	0.0006	1.01	PR	=	=	MG/L	03-May-96	1000	03-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.04
Cadmium	CD	F	BS1	0.0000				0.008	0	PR	U	ND	MG/L	03-May-96	1000	03-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.1
Calcium	CA	F	BS1	0.0000				0.02	0	PR	U	ND	MG/L	03-May-96	1000	03-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.07
Chromium	CR	F	BS1	1.0000	80	120	20	0.01	1.02	PR	=	=	MG/L	03-May-96	1000	03-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.07
Cobalt	CO	F	BS1	1.0000	80	120	20	0.01	1.02	PR	=	=	MG/L	03-May-96	1000	03-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.06
Copper	CU	F	BS1	1.0000	80	120	20	0.007	1.03	PR	=	=	MG/L	03-May-96	1000	03-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.07
Iron	FE	F	BS1	0.0000				0.01	0	PR	U	ND	MG/L	03-May-96	1000	03-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.5
Lead	PB	F	BS1	0.0000				0.03	0	PR	U	ND	MG/L	03-May-96	1000	03-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.3
Magnesium	MG	F	BS1	0.0000				0.03	0	PR	U	ND	MG/L	03-May-96	1000	03-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.02
Manganese	MN	F	BS1	0.0000				0.002	0	PR	U	ND	MG/L	03-May-96	1000	03-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.08
Molybdenum	MO	F	BS1	0.0000				0.01	0	PR	U	ND	MG/L	03-May-96	1000	03-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.15
Nickel	NI	F	BS1	0.0000				0.01	0	PR	U	ND	MG/L	03-May-96	1000	03-May-96	1400	SW3010	SW6010	TJA	05-06-96	5
Potassium	K	F	BS1	0.0000				1	0	PR	U	ND	MG/L	03-May-96	1000	03-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.81
Selenium	SE	F	BS1	0.0000				0.04	0	PR	U	ND	MG/L	03-May-96	1000	03-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.07
Silver	AG	F	BS1	0.0000				0.01	0	PR	U	ND	MG/L	03-May-96	1000	03-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.3
Sodium	NA	F	BS1	0.0000				0.05	0	PR	U	ND	MG/L	03-May-96	1000	03-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.4
Thallium	TL	F	BS1	1.0000	80	120	20	0.04	1.01	PR	=	=	MG/L	03-May-96	1000	03-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.08
Vanadium	V	F	BS1	1.0000	80	120	20	0.008	0.896	PR	=	=	MG/L	03-May-96	1000	03-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.02
Zinc	ZN	F	BS1	1.0000	80	120	20	0.002	1.02	PR	=	=	MG/L	03-May-96	1000	03-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.02

Chase A. Thibodaux
Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 111004
 Job Sample ID: 96-0908-27MS1
 Job Batch No.: 1296

Date Received: 02-May-96
 Matrix/Basis: W/X
 Dilution Factor: 1
 Total Solids(%): N/A

431 380

metals

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aluminum	AL	F	MS1	0.0000				0.05	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.5
Antimony	SB	F	MS1	0.0000				0.01	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.4
Boron	AS	F	MS1	0.0000				0.03	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.6
Chromium	BA	F	MS1	1.0000	80	120	20	0.004	0.944	PR	=	=	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.02
Cerium	BE	F	MS1	1.0000	80	120	20	0.0006	0.967	PR	=	=	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.03
Cadmium	CD	F	MS1	0.0000				0.009	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.04
Calcium	CA	F	MS1	0.0000				0.02	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.1
Chromium	CR	F	MS1	0.0000				0.01	1	PR	=	=	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.07
Cobalt	CO	F	MS1	1.0000	80	120	20	0.01	1.01	PR	=	=	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.07
Copper	CU	F	MS1	1.0000	80	120	20	0.007	1	PR	=	=	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.06
Iron	FE	F	MS1	0.0000				0.01	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.07
Lead	PB	F	MS1	0.0000				0.03	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.5
Magnesium	MG	F	MS1	0.0000				0.03	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.3
Manganese	MN	F	MS1	0.0000				0.002	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.02
Molybdenum	MO	F	MS1	0.0000				0.01	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.08
Nickel	NI	F	MS1	0.0000				0.01	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.15
Potassium	K	F	MS1	0.0000				1	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	5
Selenium	SE	F	MS1	0.0000				0.04	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.8
Silver	AG	F	MS1	0.0000				0.01	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.07
Sodium	NA	F	MS1	0.0000				0.05	0	PR	U	ND	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.3
Thallium	TL	F	MS1	1.0000	80	120	20	0.04	0.988	PR	=	=	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.4
Vanadium	V	F	MS1	1.0000	80	120	20	0.008	0.881	PR	=	=	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.08
Zinc	ZN	F	MS1	1.0000	80	120	20	0.002	1.03	PR	=	=	MG/L	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.02

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 111004
 Lab Sample ID 96-0908-27SD1
 Lab Batch No. 1298

Date Received 02-May-96
 Matrix/Basis W/X
 Dilution Factor 1
 Total Solids(%) N/A

431 381

ICP Metals

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Analy	Time Analy	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aluminum	AL	F	SD1	0.0000				0.05	0	PR	U	ND	MGL	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.5
Antimony	SB	F	SD1	0.0000				0.01	0	PR	U	ND	MGL	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.4
Arsenic	AS	F	SD1	0.0000				0.03	0	PR	U	ND	MGL	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.6
Barium	BA	F	SD1	1.0000	80	120	20	0.004	0.985	PR	=	=	MGL	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.02
Beryllium	BE	F	SD1	1.0000	80	120	20	0.0008	1.01	PR	=	=	MGL	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.003
Cadmium	CD	F	SD1	0.0000				0.009	0	PR	U	ND	MGL	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.04
Calcium	CA	F	SD1	0.0000				0.02	0	PR	U	ND	MGL	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.1
Chromium	CR	F	SD1	1.0000	80	120	20	0.01	1.01	PR	=	=	MGL	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.07
Cobalt	CD	F	SD1	1.0000	80	120	20	0.01	1	PR	=	=	MGL	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.06
Copper	CU	F	SD1	1.0000	80	120	20	0.007	1.01	PR	=	=	MGL	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.07
Iron	FE	F	SD1	0.0000				0.01	0	PR	U	ND	MGL	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.07
Lead	PB	F	SD1	0.0000				0.03	0	PR	U	ND	MGL	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.5
Magnesium	MG	F	SD1	0.0000				0.03	0	PR	U	ND	MGL	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.3
Manganese	MN	F	SD1	0.0000				0.002	0	PR	U	ND	MGL	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.02
Molybdenum	MO	F	SD1	0.0000				0.01	0	PR	U	ND	MGL	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.08
Nickel	NI	F	SD1	0.0000				0.01	0	PR	U	ND	MGL	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.15
Potassium	K	F	SD1	0.0000				1	0	PR	U	ND	MGL	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	51
Selenium	SE	F	SD1	0.0000				0.04	0	PR	U	ND	MGL	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.8
Silver	AG	F	SD1	0.0000				0.01	0	PR	U	ND	MGL	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.07
Sodium	NA	F	SD1	0.0000				0.05	0	PR	U	ND	MGL	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.3
Thallium	TL	F	SD1	1.0000	80	120	20	0.04	0.997	PR	=	=	MGL	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.4
Vanadium	V	F	SD1	1.0000	80	120	20	0.008	0.888	PR	=	=	MGL	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.08
Zinc	ZN	F	SD1	1.0000	80	120	20	0.002	1.03	PR	=	=	MGL	03-May-96	1000	06-May-96	1400	SW3010	SW6010	TJA	05-06-96	0.02

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID CERTES
Project No. 10K70200
Client ID LABQC
Lab Sample ID 96-0908-00LB1
Batch No. 1298

Date Received 03-May-96
Matrix/Basis S/D
Dilution Factor 1
Total Solids(%) 100

metals

431 382

Compound	Analyte Code	S	QC	Spike Level	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Mercury	HG	F	LB1	0.0000	0.02	0	PR	U	ND	MG/KG	03-May-96	0900	03-May-96	1200	SW7471	SW7471	PE	05-03-96	0.1

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
Project No. 10K70200
Client ID LABQC
Lab Sample ID 98-0908-00BS1
Lab Batch No. 1298

Date Received 03-May-98
Matrix/Basis S/D
Dilution Factor 1
Total Solids(%) 100

431 383

Metals

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Mercury	HG	F	BS1	2.5000	75	125	25	0.02	2.78	PR	-	-	MG/KG	03-May-98	0900	03-May-98	1200	SW7471	SW7471	PE	05-03-98	0.1

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
Project No. 10K70200
Client ID CR-A 110804
Lab Sample ID 98-0908-20MS1
Batch No. 1298

Date Received 02-May-98
Matrix/Basis S/D
Dilution Factor 1
Total Solids(%) 77.6

431 384

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Mercury	HG	F	MS1	2.5000	75	125	25	0.02	3.60	PR	=		MG/KG	03-May-98	0900	03-May-98	1200	SW7471	SW7471	PE	05-03-98	0.1

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
Project No. 10K70200
Client ID CR-A 110804
Lab Sample ID 96-0908-20SD1
Lab Batch No. 1298

Date Received 02-May-96
Matrix/Basis S/D
Dilution Factor 1
Total Solids(%) 77.6

431 385

Metals

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Mercury	HG	F	SD1	2.5000	75	125	25	0.02	3.72	PR	=		MG/KG	03-May-96	0800	03-May-96	1200	SW7471	SW7471	PE	05-03-96	0.1

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
Project No. 10K70200
Client ID LABQC
Lab Sample ID 96-0908-00LB1
Batch No. 1297

Date Received 03-May-96
Matrix/Basis W/X
Dilution Factor 1
Total Solids(%) N/A

metals

431 386

Compound	Analyte Code	S	QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Mercury	HG	F	LB1	0.0000	0.001	0	PR	U	ND	MG/L	03-May-96	0900	03-May-96	1200	SW7470	SW7470	PE	05-03-96	0.001

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
Project No. 10K70200
Client ID LABQC
Lab Sample ID 96-0908-00BS1
Lab Batch No. 1297

Date Received 03-May-96
Matrix/Basis W/X
Dilution Factor 1
Total Solids(%) N/A

431 387

Metals

Compound	Analyte Code	S QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Mercury	HG	F	BS1	0.2500	75	125	25	0.001	0.25	PR	=	MG/L	03-May-96	0800	03-May-96	1100	SW7470	SW7470	PE	05-03-96	0.001

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
Project No. 10K70200
Client ID CR-A 111004
Lab Sample ID 98-0808-27MS1
Batch No. 1297

Date Received 02-May-96
Matrix/Basis W/X
Dilution Factor 1
Total Solids(%) N/A

431 388

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Mercury	HG	F	MS1	0.2500	75	125	25	0.001	0.266	PR	=	MG/L	03-May-96	0800	03-May-96	1100	SW7470	SW7470	PE	05-03-96	0.001	

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
Project No. 10K70200
Client ID CR-A 111004
Lab Sample ID 98-0908-27SD1
Lab Batch No. 1297

Date Received 02-May-96
Matrix/Basis W/X
Dilution Factor 1
Total Solids(%) N/A

431 389

Metals

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Mercury	HG	F	SD1	0.2500	75	125	25	0.001	0.263	PR	=	MGL	03-May-96	0800	03-May-96	1100	SW7470	SW7470	PE	05-03-96	0.001	

Chase A. Thibodaux
Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: LABQC
 Lab Sample ID: 96-0908-00LB1
 Batch No.: 1299

Date Received: 06-May-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 100

431 390

Metals

Compound	Analyte Code	S	QC	Spike Level	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Antimony	SB	F	LB1	0.0000	0.1	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1100	SW3050	SW7041	PE	05-07-96	0.5
Arsenic	AS	F	LB1	0.0000	0.1	0	PR	U	ND	MG/KG	06-May-96	0900	06-May-96	1100	SW3050	SW7060	PE	05-07-96	0.5
Cadmium	CD	F	LB1	0.0000	0.02	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1100	SW3050	SW7131	PE	05-07-96	0.1
Lead	PB	F	LB1	0.0000	0.1	0	PR	U	ND	MG/KG	06-May-96	0900	06-May-96	1100	SW3050	SW7421	PE	05-07-96	0.5
Nickel	NI	F	LB1	0.0000	0.2	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1100	SW3050	SW6010	TJA	05-07-96	1
Selenium	SE	F	LB1	0.0000	0.1	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1100	SW3050	SW7740	PE	05-07-96	0.5
Silver	AG	F	LB1	0.0000	0.02	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1100	SW3050	SW7761	PE	05-07-96	0.1

Laboratory ID CERTES
 Project No. 10K70200
 Client ID LABOC
 Lab Sample ID 96-0908-00BS1
 Lab Batch No. 1299

Date Received 06-May-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 100

431 391

Metals

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Antimony	SB	F	BS1	5.0000	40	140	40	0.1	5.05	PR	*	MG/KG	06-May-96	0900	07-May-96	1100	SW3050	SW7041	PE	05-07-96	0.5	
Arsenic	AS	F	BS1	5.0000	75	125	25	0.1	5.35	PR	*	MG/KG	06-May-96	0900	06-May-96	1100	SW3050	SW7060	PE	05-06-96	0.5	
Cadmium	CD	F	BS1	0.2000	75	125	25	0.02	0.2	PR	*	MG/KG	06-May-96	0900	07-May-96	1100	SW3050	SW7131	PE	05-07-96	0.1	
Lead	PB	F	BS1	5.0000	75	125	25	0.1	5.05	PR	*	MG/KG	06-May-96	0900	06-May-96	1100	SW3050	SW7421	PE	05-06-96	0.5	
Nickel	NI	F	BS1	0.0000				0.2	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1100	SW3050	SW8010	TJA	05-07-96	1
Selenium	SE	F	BS1	5.0000	75	125	25	0.1	4.72	PR	*	MG/KG	06-May-96	0900	07-May-96	1100	SW3050	SW7740	PE	05-07-96	0.5	
Silver	AG	F	BS1	0.5000	75	125	25	0.02	0.484	PR	*	MG/KG	06-May-96	0900	07-May-96	1100	SW3050	SW7761	PE	05-07-96	0.1	

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 155806
 Lab Sample ID 96-0898-06MS1
 Batch No. 1299

Date Received 30-Apr-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 79.3

431 392

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab MDL	Results	PV CC Q	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Antimony	SB	F	MS1	5.0000	40	140	40	0.1	6.80	PR	=	MG/KG	06-May-96	0900	07-May-96	1100	SW3050	SW7041	PE	05-07-96	0.5	
Arsenic	AS	F	MS1	5.0000	75	125	25	0.1	6.97	PR	=	MG/KG	06-May-96	0900	06-May-96	1100	SW3050	SW7060	PE	05-06-96	0.5	
Cadmium	CD	F	MS1	0.2000	75	125	25	0.02	0.265	PR	=	MG/KG	06-May-96	0900	07-May-96	1100	SW3050	SW7131	PE	05-07-96	0.1	
Lead	PB	F	MS1	5.0000	75	125	25	0.1	6.54	PR	=	MG/KG	06-May-96	0900	06-May-96	1100	SW3050	SW7421	PE	05-06-96	0.5	
Nickel	NI	F	MS1	0.0000				0.2	0	PR U	ND	MG/KG	06-May-96	0900	07-May-96	1100	SW3050	SW8010	TJA	05-07-96	1	
Selenium	SE	F	MS1	5.0000	75	125	25	0.1	5.96	PR	=	MG/KG	06-May-96	0900	07-May-96	1100	SW3050	SW7740	PE	05-07-96	0.5	
Silver	AG	F	MS1	0.5000	75	125	25	0.02	0.805	PR	=	MG/KG	06-May-96	0900	07-May-96	1100	SW3050	SW7781	PE	05-07-96	0.1	

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 155806
 Lab Sample ID 96-0888-06SD1
 Lab Batch No. 1299

Date Received 30-Apr-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 79.3

431 393

Metals

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Instr ID	CAL	PQL
Antimony	SB	F	SD1	5.0000	40	140	40	0.1	6.71	PR	=	MG/KG	06-May-96	0900	07-May-96	1100	SW3050	SW7041	PE	05-07-96	0.5	
Arsenic	AS	F	SD1	5.0000	75	125	25	0.1	6.81	PR	=	MG/KG	06-May-96	0900	06-May-96	1100	SW3050	SW7060	PE	05-08-96	0.5	
Cadmium	CD	F	SD1	0.2000	75	125	25	0.02	0.265	PR	=	MG/KG	06-May-96	0900	07-May-96	1100	SW3050	SW7131	PE	05-07-96	0.1	
Lead	PB	F	SD1	5.0000	75	125	25	0.1	6.64	PR	U	ND	MG/KG	06-May-96	0900	06-May-96	1100	SW3050	SW7421	PE	05-08-96	0.5
Nickel	NI	F	SD1	0.0000				0.2	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1100	SW3050	SW8010	TJA	05-07-96	1
Selenium	SE	F	SD1	5.0000	75	125	25	0.1	6.24	PR	=	MG/KG	06-May-96	0900	07-May-96	1100	SW3050	SW7740	PE	05-07-96	0.5	
Silver	AG	F	SD1	0.5000	75	125	25	0.02	0.605	PR	=	MG/KG	06-May-96	0900	07-May-96	1100	SW3050	SW7781	PE	05-07-96	0.1	

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID LABQC
 Lab Sample ID 96-0908-00LB1
 Lab Batch No. 1300

Date Received 06-May-96
 Matrix/Basis W/X
 Dilution Factor 1
 Total Solids(%) N/A

431 394

Metals

Compound	Analyte Code	S	QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par.	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Antimony	SB	F	LB1	0.0000	0.003	0	PR	U	ND	MG/L	06-May-96	0900	07-May-96	1100	SW3010	SW7040	PE	05-07-96	0.005
Arsenic	AS	F	LB1	0.0000	0.005	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1100	SW3010	SW7080	PE	05-08-96	0.005
Cadmium	CD	F	LB1	0.0000	0.001	0	PR	U	ND	MG/L	06-May-96	0900	07-May-96	1100	SW3010	SW7130	PE	05-07-96	0.001
Lead	PB	F	LB1	0.0000	0.002	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1100	SW3010	SW7421	PE	05-08-96	0.005
Nickel	NI	F	LB1	0.0000	0.005	0	PR	U	ND	MG/L	06-May-96	0900	07-May-96	1100	SW3010	SW6010	TJA	05-07-96	0.01
Selenium	SE	F	LB1	0.0000	0.005	0	PR	U	ND	MG/L	06-May-96	0900	07-May-96	1100	SW3010	SW7740	PE	05-07-96	0.005
Silver	AG	F	LB1	0.0000	0.001	0	PR	U	ND	MG/L	06-May-96	0900	07-May-96	1100	SW3010	SW7760	PE	05-07-96	0.001

Laboratory ID CERTES
 Project No. 10K70200
 Client ID LABQC
 Lab Sample ID 98-0908-00BS1
 Lab Batch No. 1300

Date Received 06-May-96
 Matrix/Basis W/X
 Dilution Factor 1
 Total Solids(%) N/A

431 395

Metals

Compound	Analyt's Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Antimony	SB	F	BS1	0.0500	40	140	40	0.003	0.053	PR	=	MGL	06-May-96	0900	07-May-96	1100	SW3010	SW7040	PE	05-07-96	0.005	
Arsenic	AS	F	BS1	0.0500	75	125	25	0.005	0.059	PR	=	MGL	06-May-96	0900	06-May-96	1100	SW3010	SW7060	PE	05-06-96	0.005	
Cadmium	CD	F	BS1	0.0020	75	125	25	0.001	0.0022	PR	=	MGL	06-May-96	0900	07-May-96	1100	SW3010	SW7130	PE	05-07-96	0.001	
Lead	PB	F	BS1	0.0500	75	125	25	0.002	0.052	PR	=	MGL	06-May-96	0900	06-May-96	1100	SW3010	SW7421	PE	05-06-96	0.005	
Nickel	NI	F	BS1	0.0000				0.005	0	PR	U	ND	MGL	06-May-96	0900	07-May-96	1100	SW3010	SW8010	TJA	05-07-96	0.01
Selenium	SE	F	BS1	0.0500	75	125	25	0.005	0.048	PR	=	MGL	06-May-96	0900	07-May-96	1100	SW3010	SW7740	PE	05-07-96	0.005	
Silver	AG	F	BS1	0.0050	75	125	25	0.001	0.0047	PR	=	MGL	06-May-96	0900	07-May-96	1100	SW3010	SW7760	PE	05-07-96	0.001	

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 111004
 Lab Sample ID: 98-0908-27MS1
 Job Batch No.: 1300

Date Received: 02-May-96
 Matrix/Basis: W/X
 Dilution Factor: 1
 Total Solids(%): N/A

431 396

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Antimony	SB	F	MS1	0.0500	40	140	40	0.003	0.053	PR	=	MG/L	06-May-96	0900	07-May-96	1100	SW3010	SW7040	PE	05-07-96	0.005	
Arsenic	AS	F	MS1	0.0500	75	125	25	0.005	0.06	PR	=	MG/L	06-May-96	0900	06-May-96	1100	SW3010	SW7060	PE	05-06-96	0.005	
Cadmium	CD	F	MS1	0.0020	75	125	25	0.001	0.0021	PR	=	MG/L	06-May-96	0900	07-May-96	1100	SW3010	SW7130	PE	05-07-96	0.001	
Lead	PB	F	MS1	0.0500	75	125	25	0.002	0.052	PR	=	MG/L	06-May-96	0900	06-May-96	1100	SW3010	SW7421	PE	05-06-96	0.005	
Nickel	NI	F	MS1	0.0000				0.005	0	PR	U	ND	MG/L	06-May-96	0900	07-May-96	1100	SW3010	SW8010	TJA	05-07-96	0.01
Selenium	SE	F	MS1	0.0500	75	125	25	0.005	0.047	PR	=	MG/L	06-May-96	0900	07-May-96	1100	SW3010	SW7740	PE	05-07-96	0.005	
Silver	AG	F	MS1	0.0050	75	125	25	0.001	0.0047	PR	=	MG/L	06-May-96	0900	07-May-96	1100	SW3010	SW7760	PE	05-07-96	0.001	

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 111004
 Lab Sample ID 96-0908-27SD1
 Lab Batch No. 1300

Date Received 02-May-96
 Matrix/Basis W/X
 Dilution Factor 1
 Total Solids(%) N/A

431 397

Metals

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL	
Antimony	SB	F	SD1	0.0500	40	140	40	0.003	0.053	PR	=	Mg/L	06-May-96	0900	07-May-96	1100	SW3010	SW7040	PE	05-07-96	0.005		
Arsenic	AS	F	SD1	0.0500	75	125	25	0.005	0.058	PR	=	Mg/L	06-May-96	0900	06-May-96	1100	SW3010	SW7060	PE	05-06-96	0.005		
Cadmium	CD	F	SD1	0.0020	75	125	25	0.001	0.0021	PR	=	Mg/L	06-May-96	0900	07-May-96	1100	SW3010	SW7130	PE	05-07-96	0.001		
Lead	PB	F	SD1	0.0500	75	125	25	0.002	0.053	PR	=	Mg/L	06-May-96	0900	06-May-96	1100	SW3010	SW7421	PE	05-06-96	0.005		
Nickel	NI	F	SD1	0.0000					0.005	0	PR	U	ND	Mg/L	06-May-96	0900	07-May-96	1100	SW3010	SW8010	TJA	05-07-96	0.01
Selenium	SE	F	SD1	0.0500	75	125	25	0.005	0.046	PR	=	Mg/L	06-May-96	0900	07-May-96	1100	SW3010	SW7740	PE	05-07-96	0.005		
Silver	AG	F	SD1	0.0050	75	125	25	0.001	0.0048	PR	=	Mg/L	06-May-96	0900	07-May-96	1100	SW3010	SW7760	PE	05-07-96	0.001		

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID LABQC
 Lab Sample ID 96-0908-00LB1
 Lab Batch No. SVW44

Date Received 06-May-96
 Matrix/Basis WX
 Dilution Factor 1
 Total Solids(%) N/A

431 398

SemiVolatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acenaphthene	ACNP	F	LB1	0.0000			1.06	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Acenaphthylene	ACNPY	F	LB1	0.0000			1.06	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Anthracene	ANTH	F	LB1	0.0000			1.15	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Benz(a)anthracene	BZAA	F	LB1	0.0000			0.79	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Benz(a)pyrene	BZAP	F	LB1	0.0000			1.27	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Benz(b)fluoranthene	BZBF	F	LB1	0.0000			1.01	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Benz(g,h,i)perylene	BZGHIP	F	LB1	0.0000			1.66	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Benz(k)fluoranthene	BZKF	F	LB1	0.0000			2.62	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Benzoic acid	BZACID	F	LB1	0.0000			1.79	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	50
Benzyl alcohol	BZLAL	F	LB1	0.0000			1.45	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	20
bis(2-Chloroethoxy)methane	BECEM	F	LB1	0.0000			1.32	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
bis(2-Chloroethyl)ether	BIS2CEE	F	LB1	0.0000			1.55	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
bis(2-Chloroisopropyl)ether	BIS2CIE	F	LB1	0.0000			1.69	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
bis(2-Ethylhexyl)phthalate	BIS2EHP	F	LB1	0.0000			2.8	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
4-Bromophenyl-phenyl ether	BPPE4	F	LB1	0.0000			1.01	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Butylbenzylphthalate	BBP	F	LB1	0.0000			1.19	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
4-Chloro-3-methylphenol	C4M3PH	F	LB1	0.0000			1.48	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	20
4-Chloroaniline	CLANIL4	F	LB1	0.0000			1.63	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
2-Chlorophenol	CLPH2	F	LB1	0.0000			1.73	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
4-Chlorophenyl-phenyl ether	CPPE4	F	LB1	0.0000			1.07	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
2-Chloronaphthalene	CNPH2	F	LB1	0.0000			0.88	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Chrysene	CHRYSENE	F	LB1	0.0000			0.97	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Di-n-butylphthalate	ONBP	F	LB1	0.0000			1.67	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Di-n-octylphthalate	DNOP	F	LB1	0.0000			1.73	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Dibenz(a,h)anthracene	DBZAHP	F	LB1	0.0000			1.52	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Dibenzofuran	DBF	F	LB1	0.0000			1.13	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
1,2-Dichlorobenzene	DCBZ12	F	LB1	0.0000			1.56	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
1,3-Dichlorobenzene	DCBZ13	F	LB1	0.0000			1.58	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
1,4-Dichlorobenzene	DCBZ14	F	LB1	0.0000			1.6	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
3,3'-Dichlorobenzidine	DBZD33	F	LB1	0.0000			2.48	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	20
2,4-Dichlorophenol	DCP24	F	LB1	0.0000			1.6	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Diethylphthalate	DEPH	F	LB1	0.0000			1.43	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
2,4-Dimethylphenol	DMP24	F	LB1	0.0000			1.33	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Dimethylphthalate	DMPH	F	LB1	0.0000			1.11	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
2,6-Dintrotoluene	DNT26	F	LB1	0.0000			1.09	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
2,4-Dinitrophenol	DNP24	F	LB1	0.0000			1.2	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	50
4,6-Dinitro-2-methylphenol	DN46M	F	LB1	0.0000			1.54	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	50
2,4-Dinitrotoluene	DNT24	F	LB1	0.0000			0.99	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Fluoranthene	FLA	F	LB1	0.0000			1.23	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Fluorene	FL	F	LB1	0.0000			1.07	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Hexachlorobenzene	HCLBZ	F	LB1	0.0000			1	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Hexachlorobutadiene	HCBU	F	LB1	0.0000			1.45	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Hexachlorocyclopentadiene	HCCP	F	LB1	0.0000			1.86	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Hexachloroethane	HCLEA	F	LB1	0.0000			1.4	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Indeno[1,2,3-cd]pyrene	INP123	F	LB1	0.0000			1.4	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Isophorone	ISOP	F	LB1	0.0000			1.45	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
2-Methylnaphthalene	MTNPH2	F	LB1	0.0000			1.46	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
2-Methylphenol	MEPH2	F	LB1	0.0000			1.6	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
4-Methylphenol	MEPH4	F	LB1	0.0000			1.66	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
N-Nitroso-di-n-propylamine	NNSPR	F	LB1	0.0000			1.68	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
N-Nitrosodiphenylamine	NNSPH	F	LB1	0.0000			1.15	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Naphthalene	NAPH	F	LB1	0.0000			1.21	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
2-Nitroaniline	NO2ANIL2	F	LB1	0.0000			1.16	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	50
4-Nitroaniline	NO2ANIL4	F	LB1	0.0000			2.23	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	50
3-Nitroaniline	NO2ANIL3	F	LB1	0.0000			1.33	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	50
Nitrobenzene	NO2BZ	F	LB1	0.0000			1.5	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
2-Nitrophenol	NTPH2	F	LB1	0.0000			1.41	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
4-Nitrophenol	NTPH4	F	LB1	0.0000			1.21	0	PR	U	ND	UG/L	06-May-96	1100	08-May-96	1455					

Laboratory ID CERTES
 Project No. 10K70200
 Client ID LABQC
 Lab Sample ID 96-0908-00BS1
 Lab Batch No. SVW44

Date Received 06-May-96
 Matrix/Basis W/X
 Dilution Factor 1
 Total Solids(%) N/A

431 399

SemiVolatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acenaphthene	ACNP	F	BS1	200.0000	47	145	28	1.06	164	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	10
Acenaphthylene	ACNPY	F	BS1	200.0000	33	145	40	1.06	187	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	10
Anthracene	ANTH	F	BS1	200.0000	27	133	32	1.15	131	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	10
Benz(a)anthracene	BZAA	F	BS1	200.0000	33	143	28	0.79	142	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	10
Benz(a)pyrene	BZAP	F	BS1	200.0000	17	163	39	1.27	165	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	10
Benz(b)fluoranthene	BZBF	F	BS1	200.0000	24	159	39	1.01	154	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	10
Benz(g,h,i)perylene	BZGHP	F	BS1	200.0000	10	219	59	1.66	126	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	10
Benz(k)fluoranthene	BZKF	F	BS1	200.0000	11	162	32	2.62	176	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	10
Benzoic acid	BZACID	F	BS1	200.0000	10	200	50	1.79	75.2	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	50
Benzyl alcohol	BZLAL	F	BS1	200.0000	10	200	50	1.45	152	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	20
bis(2-Chloroethoxy)methane	BECEM	F	BS1	200.0000	33	184	35	1.32	133	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	10
bis(2-Chloroethyl)ether	BIS2CEE	F	BS1	200.0000	12	158	55	1.55	147	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	10
bis(2-Chloroisopropyl)ether	BIS2CIE	F	BS1	200.0000	36	166	46	1.69	134	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	10
bis(2-Ethylhexyl)phthalate	BIS2EHP	F	BS1	200.0000	8	158	41	2.8	148	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	10
4-Bromophenyl-phenyl ether	BPPE4	F	BS1	200.0000	53	127	23	1.01	136	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	10
Butylbenzylphthalate	BBP	F	BS1	200.0000	10	152	23	1.19	158	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	10
4-Chloro-3-methylphenol	C4M3PH	F	BS1	200.0000	22	147	37	1.48	149	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	20
4-Chloroaniline	CLANIL4	F	BS1	200.0000	10	200	50	1.63	151	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	20
2-Chlorophenol	CLPH2	F	BS1	200.0000	23	134	29	1.73	176	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	10
4-Chlorophenyl-phenyl ether	CPPE4	F	BS1	200.0000	25	158	33	1.07	191	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	10
2-Chloronaphthalene	CNPH2	F	BS1	200.0000	60	118	13	0.88	154	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	10
Chrysene	CHRYSENE	F	BS1	200.0000	17	168	48	0.97	163	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	10
Di-n-butylphthalate	DNPB	F	BS1	200.0000	10	118	17	1.67	128	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	10
Di-n-octylphthalate	DNOP	F	BS1	200.0000	4	146	31	1.73	168	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	10
Dibenzo(a,h)anthracene	DBZAHP	F	BS1	200.0000	10	227	70	1.52	142	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	10
Dibenzofuran	DBF	F	BS1	200.0000	10	200	50	1.13	165	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	10
1,2-Dichlorobenzene	DCBZ12	F	BS1	200.0000	32	129	31	1.56	157	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	10
1,3-Dichlorobenzene	DCBZ13	F	BS1	200.0000	10	172	42	1.58	152	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	10
1,4-Dichlorobenzene	DCBZ14	F	BS1	200.0000	20	124	32	1.6	153	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	10
3,3'-Dichlorobenzidine	DBZD33	F	BS1	200.0000	10	262	71	2.48	171	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	20
2,4-Dichlorophenol	DCP24	F	BS1	200.0000	39	135	26	1.6	154	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	10
Diethylphthalate	DEPH	F	BS1	200.0000	10	114	27	1.43	198	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	10
2,4-Dimethylphenol	DMP24	F	BS1	200.0000	32	119	26	1.33	146	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	10
Dimethylphthalate	DMPH	F	BS1	200.0000	10	112	23	1.11	157	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	10
2,6-Dinitrotoluene	DNT26	F	BS1	200.0000	50	158	30	1.09	154	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	10
2,4-Dinitrophenol	DNP24	F	BS1	200.0000	10	191	50	1.2	51.3	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	50
4,6-Dinitro-2-methylphenol	DN46M	F	BS1	200.0000	10	181	93	1.54	52.7	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	50
2,4-Dinitrotoluene	DNT24	F	BS1	200.0000	39	139	22	0.99	149	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	10
Fluoranthene	FLA	F	BS1	200.0000	26	137	33	1.23	136	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	10
Fluorene	FL	F	BS1	200.0000	59	121	21	1.07	163	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	10
Hexachlorobenzene	HCLBZ	F	BS1	200.0000	10	152	25	1	144	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	10
Hexachlorobutadiene	HCBU	F	BS1	200.0000	24	116	26	1.45	174	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	10
Hexachlorocyclopentadiene	HCCP	F	BS1	200.0000	10	200	50	1.86	131	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	10
Hexachloroethane	HCLEA	F	BS1	200.0000	40	113	25	1.4	153	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	10
Indeno[1,2,3-d]pyrene	INP123	F	BS1	200.0000	10	171	45	1.4	133	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	10
Isophorone	ISOP	F	BS1	200.0000	21	196	63	1.45	161	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	10
2-Methylnaphthalene	MTPNH2	F	BS1	200.0000	10	200	50	1.46	181	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	10
2-Methylphenol	MEPH2	F	BS1	200.0000	10	145	25	1.6	154	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	10
4-Methylphenol	MEPH4	F	BS1	200.0000	25	135	40	1.66	146	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	10
N-Nitroso-di-n-propylamine	NNSPR	F	BS1	200.0000	10	230	55	1.68	165	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	10
N-Nitrosodiphenylamine	NNSPH	F	BS1	200.0000	10	200	50	1.15	126	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972	03-19-96	10
Naphthalene	NAPH	F	BS1	200.0000	21	133	30	1.21	161	PR	U	ND	UG/L	06-May-96	1130	08-May-96	1513	SW3510	SW8270	5972		

Laboratory ID CERTES
 Project No. 10K70200
 Client ID LABOC
 Lab Sample ID 96-0908-00BD1
 Lab Batch No. SVW44

Date Received 06-May-96
 Matrix/Basis W/X
 Dilution Factor 1
 Total Solids(%) N/A

431 400

SemiVolatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acenaphthene	ACNP	F	BD1	200.0000	47	145	28	1.06	164	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	10
Acenaphthylene	ACNPY	F	BD1	200.0000	33	145	40	1.06	187	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	10
Anthracene	ANTH	F	BD1	200.0000	27	133	32	1.15	131	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	10
Benz(a)anthracene	BZAA	F	BD1	200.0000	33	143	28	0.79	142	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	10
Benz(a)pyrene	BZAP	F	BD1	200.0000	17	163	39	1.27	165	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	10
Benzo(b)fluoranthene	BZBF	F	BD1	200.0000	24	159	39	1.01	154	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	10
Benzo(h,i)perylene	BZGHIP	F	BD1	200.0000	10	219	59	1.66	126	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	10
Benzo(k)fluoranthene	BZKF	F	BD1	200.0000	11	162	32	2.62	176	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	10
Benzoic acid	BZACID	F	BD1	200.0000	10	200	50	1.79	75.2	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	50
Benzyl alcohol	BZLAL	F	BD1	200.0000	10	200	50	1.45	152	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	20
bis(2-Chloroethoxy)methane	BECEM	F	BD1	200.0000	33	184	35	1.32	133	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	10
bis(2-Chloroethyl)ether	BIS2CEE	F	BD1	200.0000	12	158	55	1.55	147	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	10
bis(2-Chloroisopropyl)ether	BIS2CIE	F	BD1	200.0000	36	166	46	1.69	134	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	10
bis(2-Ethylhexyl)phthalate	BIS2EHP	F	BD1	200.0000	8	158	41	2.8	148	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	10
4-Bromophenyl-phenyl ether	BPPE4	F	BD1	200.0000	53	127	23	1.01	136	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	10
Butylbenzylphthalate	BBP	F	BD1	200.0000	10	152	23	1.19	158	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	10
4-Chloro-3-methylphenol	C4M3PH	F	BD1	200.0000	22	147	37	1.48	149	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	20
4-Chloroaniline	CLANIL4	F	BD1	200.0000	10	200	50	1.63	151	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	20
2-Chlorophenol	CLPH2	F	BD1	200.0000	23	134	29	1.73	176	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	10
4-Chlorophenyl-phenyl ether	CPPE4	F	BD1	200.0000	25	158	33	1.07	191	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	10
2-Chloronaphthalene	CNPH2	F	BD1	200.0000	60	118	13	0.88	154	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	10
Chrysene	CHRYSENE	F	BD1	200.0000	17	168	48	0.97	163	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	10
Di-n-butylphthalate	DNPB	F	BD1	200.0000	10	118	17	1.87	128	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	10
Di-n-octylphthalate	DNOP	F	BD1	200.0000	4	146	31	1.73	168	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	10
Dibenzo(a,h)anthracene	DBA2HP	F	BD1	200.0000	10	227	70	1.52	142	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	10
Dibenzofuran	DBF	F	BD1	200.0000	10	200	50	1.13	165	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	10
1,2-Dichlorobenzene	DCBZ12	F	BD1	200.0000	32	129	31	1.56	157	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	10
1,3-Dichlorobenzene	DCBZ13	F	BD1	200.0000	10	172	42	1.58	152	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	10
1,4-Dichlorobenzene	DCBZ14	F	BD1	200.0000	20	124	32	1.6	153	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	10
3,3'-Dichlorobenzidine	DBZD33	F	BD1	200.0000	10	262	71	2.48	171	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	20
2,4-Dichlorophenol	DCP24	F	BD1	200.0000	39	135	26	1.6	154	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	10
Diethylphthalate	DEPH	F	BD1	200.0000	10	114	27	1.43	198	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	10
2,4-Dimethylphenol	DMP24	F	BD1	200.0000	32	119	26	1.33	146	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	10
Dimethylphthalate	DMPH	F	BD1	200.0000	10	112	23	1.11	157	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	10
2,6-Dintrotoluene	DNT26	F	BD1	200.0000	50	158	30	1.09	154	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	10
-Dinitrophenol	DNP24	F	BD1	200.0000	10	191	50	1.2	51.3	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	50
-Dinitro-2-methylphenol	DN46M	F	BD1	200.0000	10	181	93	1.54	52.7	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	50
Dinitrotoluene	DNT24	F	BD1	200.0000	39	139	22	0.99	149	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	10
Fluoranthene	FLA	F	BD1	200.0000	26	137	33	1.23	136	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	10
Fluorene	FL	F	BD1	200.0000	59	121	21	1.07	163	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	10
Hexachlorobenzene	HCLBZ	F	BD1	200.0000	10	152	25	1	144	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	10
Hexachlorobutadiene	HCBU	F	BD1	200.0000	24	116	26	1.45	174	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	10
Hexachlorocyclopentadiene	HCCP	F	BD1	200.0000	10	200	50	1.86	131	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	10
Hexachloroethane	HCLEA	F	BD1	200.0000	40	113	25	1.4	153	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	10
Indeno(1,2,3-cd)pyrene	INP123	F	BD1	200.0000	10	171	45	1.4	133	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	10
Isophorone	ISOP	F	BD1	200.0000	21	196	63	1.45	161	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	10
2-Methylnaphthalene	MTNP2H2	F	BD1	200.0000	10	200	50	1.46	181	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	10
2-Methylphenol	MEPH2	F	BD1	200.0000	10	145	25	1.6	154	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	10
4-Methylphenol	MEPH4	F	BD1	200.0000	25	135	40	1.66	146	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	10
N-Nitroso-di-n-propylamine	NNSPR	F	BD1	200.0000	10	230	55	1.68	165	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	10
N-Nitrosodiphenylamine	NNSPH	F	BD1	200.0000	10	200	50	1.15	126	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	10
Naphthalene	NAPH	F	BD1	200.0000	21	133	30	1.21	161	PR	U	ND	UG/L	06-May-96	1145	08-May-96	1513	SW3510	SWB270	5972	03-19-96	10
2-Nitroaniline	NO2ANIL2	F	BD1	200.0000	10	200	50	1.16	164	PR	U	ND	UG/L									

Laboratory ID CERTES
 Project No. 10K70200
 Client ID LABQC
 Lab Sample ID 96-0908-00BD2
 Lab Batch No. SWV44

Date Received 06-May-96
 Matrix/Basis W/X
 Dilution Factor 1
 Total Solids(%) N/A

431 401

SemiVolatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aceanaphthene	ACNP	F	BD2	200.0000	47	145	28	1.06	166	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	10
Aceanaphthylene	ACNPY	F	BD2	200.0000	33	145	40	1.06	198	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	10
Anthracene	ANTH	F	BD2	200.0000	27	133	32	1.15	141	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	10
Benz(a)anthracene	BZAA	F	BD2	200.0000	33	143	28	0.79	161	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	10
Benz(a)pyrene	BZAP	F	BD2	200.0000	17	163	39	1.27	168	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	10
Benz(b)fluoranthene	BZBF	F	BD2	200.0000	24	159	39	1.01	167	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	10
Benz(g,h,i)perylene	BZGHIP	F	BD2	200.0000	10	219	59	1.66	125	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	10
Benz(k)fluoranthene	BZKF	F	BD2	200.0000	11	162	32	2.62	171	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	10
Benzoic acid	BZACID	F	BD2	200.0000	10	200	50	1.79	93.8	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	50
Benzyl alcohol	BZLAL	F	BD2	200.0000	10	200	50	1.45	151	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	20
bis(2-Chloroethoxy)methane	BECEM	F	BD2	200.0000	33	184	35	1.32	131	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	10
bis(2-Chloroethyl)ether	BIS2CEE	F	BD2	200.0000	12	158	55	1.55	154	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	10
bis(2-Chloroisopropyl)ether	BIS2CIE	F	BD2	200.0000	36	166	46	1.68	140	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	10
bis(2-Ethylhexyl)phthalate	BIS2EHP	F	BD2	200.0000	8	158	41	2.8	155	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	10
4-Bromophenyl-phenyl ether	BPPE4	F	BD2	200.0000	53	127	23	1.01	139	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	10
Butylbenzylphthalate	BBP	F	BD2	200.0000	10	152	23	1.19	160	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	10
4-Chloro-3-methylphenol	C4M3PH	F	BD2	200.0000	22	147	37	1.48	151	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	20
4-Chloroaniline	CLANL4	F	BD2	200.0000	10	200	50	1.63	157	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	20
2-Chlorophanol	CLPH2	F	BD2	200.0000	23	134	29	1.73	182	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	10
4-Chlorophenyl-phenyl ether	CPPE4	F	BD2	200.0000	25	158	33	1.07	202	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	10
2-Chloronaphthalene	CNPH2	F	BD2	200.0000	60	118	13	0.88	160	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	10
Chrysene	CHRYSENE	F	BD2	200.0000	17	168	48	0.97	169	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	10
Di-n-butylphthalate	DNPB	F	BD2	200.0000	10	118	17	1.67	129	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	10
Di-n-octylphthalate	DNOP	F	BD2	200.0000	4	146	31	1.73	175	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	10
Oiben(a,h)anthracene	DBZAHP	F	BD2	200.0000	10	227	70	1.52	142	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	10
Dibenzofuran	DBF	F	BD2	200.0000	10	200	50	1.13	173	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	10
1,2-Dichlorobenzene	DCBZ12	F	BD2	200.0000	32	129	31	1.56	175	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	10
1,3-Dichlorobenzene	DCBZ13	F	BD2	200.0000	10	172	42	1.58	170	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	10
1,4-Dichlorobenzene	DCBZ14	F	BD2	200.0000	20	124	32	1.6	172	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	10
3,3'-Dichlorobenzidine	DBZD33	F	BD2	200.0000	10	262	71	2.48	178	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	20
2,4-Dichlorophenol	DCP24	F	BD2	200.0000	39	135	26	1.6	158	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	10
Diethylphthalate	DEPH	F	BD2	200.0000	10	114	27	1.43	192	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	10
2,4-Dimethylphenol	DMP24	F	BD2	200.0000	32	119	26	1.33	149	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	10
Dimethylphthalate	DMPH	F	BD2	200.0000	10	112	23	1.11	164	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	10
2,6-Dintrotoluene	DNT26	F	BD2	200.0000	50	158	30	1.09	165	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	10
2,4-Dintrophenol	DNP24	F	BD2	200.0000	10	191	50	1.2	66.3	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	50
4,6-Dinitro-2-methylphenol	DN46M	F	BD2	200.0000	10	181	93	1.54	73.5	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	50
2,4-Dinitrotoluene	DNT24	F	BD2	200.0000	39	139	22	0.99	157	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	10
Fluoranthene	FLA	F	BD2	200.0000	26	137	33	1.23	141	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	10
Fluorene	FL	F	BD2	200.0000	59	121	21	1.07	166	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	10
Hexachlorobenzene	HCLBZ	F	BD2	200.0000	10	152	25	1	144	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	10
Hexachlorobutadiene	HCBU	F	BD2	200.0000	24	116	26	1.45	196	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	10
Hexachlorocyclopentadiene	HCCP	F	BD2	200.0000	10	200	50	1.86	128	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	10
Hexachloroethane	HCLEA	F	BD2	200.0000	40	113	25	1.4	179	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	10
Indeno(1,2,3-cd)pyrene	INP123	F	BD2	200.0000	10	171	45	1.4	134	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	10
Isophorone	ISOP	F	BD2	200.0000	21	196	63	1.45	163	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	10
2-Methylnaphthalene	MTNPH2	F	BD2	200.0000	10	200	50	1.46	191	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	10
2-Methylphenol	MEPH2	F	BD2	200.0000	10	145	25	1.6	156	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	10
4-Methylphenol	MEPH4	F	BD2	200.0000	25	135	40	1.66	151	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	10
N-Nitrosodi-n-propylamine	NNSPR	F	BD2	200.0000	10	230	55	1.68	173	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	10
N-Nitrosodiphenylamine	NNSPH	F	BD2	200.0000	10	200	50	1.15	134	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972	03-19-96	10
Naphthalene	NAPH	F	BD2	200.0000	21	133	30	1.21	172	PR	U	ND	UG/L	06-May-96	1200	08-May-96	1502	SW3510	SW8270	5972		

Certes

Environmental Laboratories, L.C.

2209 Wisconsin Street, Suite 200
Dallas, Texas 75229
214-620-7966
800-394-2872
214-620-7963 FAX

431 402

CERTES ENVIRONMENTAL LABORATORIES ANALYTICAL REPORT

CEL #: 96-0918

Project #: 10K70200

JACOBS ENGINEERING GROUP, INC.
600 Seventeenth St., Ste 1100N
Denver, CO 80202

Attn: Lynn Schuetter

Date: August 6, 1996

Included are the results for the samples submitted to Certes. All testing was performed using approved EPA Methods, unless otherwise stated. All results have been reviewed and Quality Control criteria met. If you have any questions concerning the analytical data please contact Chase A. Thibodaux, Laboratory Manager at 214/620-7966. Thank you for the opportunity to service your environmental testing needs.

Sincerely,
Certes Environmental Laboratories, L.C.
Per:

Chase A. Thibodaux
Chase A. Thibodaux
Laboratory Manager

CLIENT: JACOBS ENGINEERING GROUP, INC.

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REPORT #: 96-0918

CASE NARRATIVE

1. Soil samples submitted for Pesticide analysis were run 5/15/96 under batch PSTS-0021. The corresponding Quality Control data used is from 5/09/96.
2. Water samples submitted for EPA Method 8240 under batch 96W29 were analyzed 5/06/96. The associated Quality Control data used is from 5/03/96.

CLIENT: JACOBS ENGINEERING GROUP, INC

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REPORT #: 96-0918

Cross Reference Table I

Field Sample ID	Laboratory ID
CR-A 111201	96-0918-01
CR-A 111202	96-0918-02
CR-A 111203	96-0918-03
CR-A 111204	96-0918-04
CR-A 111205	96-0918-05
CR-A 111206	96-0918-06
CR-A 111207	96-0918-07
CR-A 111208	96-0918-08
CR-A 111209	96-0918-09
CR-A 111301	96-0918-10
CR-A 111302	96-0918-11
CR-A 111303	96-0918-12
CR-A 111304	96-0918-13
CR-A 111305	96-0918-14
CR-A 111306	96-0918-15
CR-A 111101	96-0918-16
CR-A 111102	96-0918-17
CR-A 111103	96-0918-18
CR-A 111104	96-0918-19
CR-A 111105	96-0918-20
CR-A 111106	96-0918-21

CLIENT: JACOBS ENGINEERING GROUP, INC.

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REPORT #: 96-0918

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Cross Reference Table I

Field Sample ID	Laboratory ID
CR-A 110901	96-0918-22
CR-A 110902	96-0918-23
CR-A 110903	96-0918-24
CR-A 110904	96-0918-25
CR-A 110905	96-0918-26
CR-A 110906	96-0918-27
CR-A 110907	96-0918-28

CLIENT: JACOBS ENGINEERING GROUP, INC

REPORT #: 96-0918

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Cross Reference Table II

Field Sample ID	QC Laboratory ID
CR-A 111202	96-0918-02MS1
CR-A 111202	96-0918-02SD1
CR-A 159041	96-0898-13MS1
CR-A 155904	96-0898-13SD1
CR-A 155807	96-0898-07MS1
CR-A 155807	96-0898-07SD1
CR-A 111205	96-0918-05MS1
CR-A 111205	96-0918-05SD1
CR-A 111202	96-0918-02MS1
CR-A 111202	96-0918-02SD1
CR-A 159041	96-0898-13MS1
CR-A 155904	96-0898-13SD1
CR-A 155807	96-0898-07MS1
CR-A 155807	96-0898-07SD1
CR-A 111205	96-0918-05MS1
CR-A 111205	96-0918-05SD1
CR-A 111206	96-0918-06MS1
CR-A 111206	96-0918-06SD1
CR-A 111004	96-0908-27MS1
CR-A 111004	96-0908-27SD1

CLIENT: JACOBS ENGINEERING GROUP, INC.

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REPORT #: 96-0918

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Cross Reference Table II

Field Sample ID	QC Laboratory ID
CR-A 155806	96-0898-06MS1
CR-A 155806	96-0898-06SD1
CR-A 111304	96-0918-13MS1
CR-A 111304	96-0918-13SD1
CR-A 111204	96-0918-04MS1
CR-A 111204	96-0918-04SD1

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 111201
 Lab Sample ID: 96-0918-01
 Job Batch No.: 98S28

Date Received: 30-Apr-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 88

431 408

Volatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acetone	ACE	F		0.0000			0.01	0	PR	U	ND	MG/KG	06-May-96	1448	06-May-96	1510	SW5030	SWB240	5971	03-22-96	0.1
Benzene	BZ	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1448	06-May-96	1510	SW5030	SWB240	5971	03-22-96	0.005
Iodomethylchloromethane	BDCME	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1448	06-May-96	1510	SW5030	SWB240	5971	03-22-96	0.005
Iodomethane	TBME	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1448	06-May-96	1510	SW5030	SWB240	5971	03-22-96	0.005
Bromomethane	BRME	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1448	06-May-96	1510	SW5030	SWB240	5971	03-22-96	0.01
2-Butanone	MEK	F		0.0000			0.005	0	PR	U	ND	MG/KG	06-May-96	1448	06-May-96	1510	SW5030	SWB240	5971	03-22-96	0.05
Carbon disulfide	CDS	F		0.0000			0.01	0	PR	U	ND	MG/KG	06-May-96	1448	06-May-96	1510	SW5030	SWB240	5971	03-22-96	0.005
Carbon tetrachloride	CTCL	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1448	06-May-96	1510	SW5030	SWB240	5971	03-22-96	0.005
Chlorobenzene	CLBZ	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1448	06-May-96	1510	SW5030	SWB240	5971	03-22-96	0.005
Chlorodibromomethane	BDCME	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1448	06-May-96	1510	SW5030	SWB240	5971	03-22-96	0.005
Chloroethane	CLEA	F		0.0000			0.002	0	PR	U	ND	MG/KG	06-May-96	1448	06-May-96	1510	SW5030	SWB240	5971	03-22-96	0.01
1-Chloroethyl vinyl ether	CEVETH	F		0.0000			0.005	0	PR	U	ND	MG/KG	06-May-96	1448	06-May-96	1510	SW5030	SWB240	5971	03-22-96	0.01
Chloroform	TCLME	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1448	06-May-96	1510	SW5030	SWB240	5971	03-22-96	0.005
Chloromethane	CLME	F		0.0000			0.002	0	PR	U	ND	MG/KG	06-May-96	1448	06-May-96	1510	SW5030	SWB240	5971	03-22-96	0.01
1,1-Dichloroethane	DCA11	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1448	06-May-96	1510	SW5030	SWB240	5971	03-22-96	0.005
1,2-Dichloroethane	DCA12	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1448	06-May-96	1510	SW5030	SWB240	5971	03-22-96	0.005
1,1-Dichloroethene	DCE11	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1448	06-May-96	1510	SW5030	SWB240	5971	03-22-96	0.005
is-1, 2-Dichloroethene	DCE12C	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1448	06-May-96	1510	SW5030	SWB240	5971	03-22-96	0.005
ans-1, 2-Dichloroethene	DCE12T	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1448	06-May-96	1510	SW5030	SWB240	5971	03-22-96	0.005
1,2-Dichloropropane	DCPA12	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1448	06-May-96	1510	SW5030	SWB240	5971	03-22-96	0.005
cis-1, 3-Dichloropropene	DCP13C	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1448	06-May-96	1510	SW5030	SWB240	5971	03-22-96	0.005
trans-1, 3-Dichloropropene	DCP13T	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1448	06-May-96	1510	SW5030	SWB240	5971	03-22-96	0.005
Methylbenzene	EBZ	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1448	06-May-96	1510	SW5030	SWB240	5971	03-22-96	0.005
Hexanone	HXO2	F		0.0000			0.006	0	PR	U	ND	MG/KG	06-May-96	1448	06-May-96	1510	SW5030	SWB240	5971	03-22-96	0.05
Methylene chloride	MTLNCL	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1448	06-May-96	1510	SW5030	SWB240	5971	03-22-96	0.005
4-Methyl-2-pentanone	MIBK	F		0.0000			0.005	0	PR	U	ND	MG/KG	06-May-96	1448	06-May-96	1510	SW5030	SWB240	5971	03-22-96	0.05
Tyrene	STY	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1448	06-May-96	1510	SW5030	SWB240	5971	03-22-96	0.005
1,2,2-Tetrachloroethane	PCA	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1448	06-May-96	1510	SW5030	SWB240	5971	03-22-96	0.005
1,1,2-Tetrachloroethene	PCE	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1448	06-May-96	1510	SW5030	SWB240	5971	03-22-96	0.005
Toluene	BZME	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1448	06-May-96	1510	SW5030	SWB240	5971	03-22-96	0.005
1,1,1-Trichloroethane	TCA111	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1448	06-May-96	1510	SW5030	SWB240	5971	03-22-96	0.005
Trichloroethane	TCA112	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1448	06-May-96	1510	SW5030	SWB240	5971	03-22-96	0.005
oethene	TCE	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1448	06-May-96	1510	SW5030	SWB240	5971	03-22-96	0.005
Acetate	VA	F		0.0000			0.01	0	PR	U	ND	MG/KG	06-May-96	1448	06-May-96	1510	SW5030	SWB240	5971	03-22-96	0.05
Vinyl chloride	VC	F		0.0000			0.002	0	PR	U	ND	MG/KG	06-May-96	1448	06-May-96	1510	SW5030	SWB240	5971	03-22-96	0.01
Xylenes	XYLENES	F		0.0000			0.001	0	PR	U	ND	MG/KG	06-May-96	1448	06-May-96	1510	SW5030	SWB240	5971	03-22-96	0.005
bromofluoromethane (SS)	DBFM	T	100	76	114	95.6	PR	%	MG/KG				06-May-96	1448	06-May-96	1510	SW5030	SWB240	5971	03-22-96	
olueno-d8 (SS)	BZMED8	T	100	68	110	104	PR	%	MG/KG				06-May-96	1448	06-May-96	1510	SW5030	SWB240	5971	03-22-96	
bromofluorobenzene (SS)	BR4FBZ	T	100	86	115	86.5	PR	%	MG/KG				06-May-96	1448	06-May-96	1510	SW5030	SWB240	5971	03-22-96	

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A-111202
 Lab Sample ID 96-0918-02
 Lab Batch No. PSTS-0021

Date Received 03-May-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 88.9

431 409

Pesticides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000			1E-04	0	PR	U	ND	MG/KG	09-May-96	0930	15-May-96	1411	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000			2E-04	0	PR	U	ND	MG/KG	09-May-96	0930	15-May-96	1411	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000			3E-04	0	PR	U	ND	MG/KG	09-May-96	0930	15-May-96	1411	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F		0.0000			4E-04	0	PR	U	ND	MG/KG	09-May-96	0930	15-May-96	1411	SW3550	SW8080	GC2	03-12-96	0.007
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			1E-04	0	PR	U	ND	MG/KG	09-May-96	0930	15-May-96	1411	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000			0.006	0.044	PR	U	=	MG/KG	09-May-96	0930	15-May-96	1411	SW3550	SW8080	GC2	03-12-96	0.01
4,4'-DDD	DDD44	F		0.0000			0.002	0	PR	U	ND	MG/KG	09-May-96	0930	15-May-96	1411	SW3550	SW8080	GC2	03-12-96	0.008
4,4'-DDE	DDE44	F		0.0000			2E-04	0	PR	U	ND	MG/KG	09-May-96	0930	15-May-96	1411	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDT	DDT44	F		0.0000			6E-04	0	PR	U	ND	MG/KG	09-May-96	0930	15-May-96	1411	SW3550	SW8080	GC2	03-12-96	0.009
Dieldrin	DIELDRIN	F		0.0000			1E-04	0	PR	U	ND	MG/KG	09-May-96	0930	15-May-96	1411	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F		0.0000			2E-04	0	PR	U	ND	MG/KG	09-May-96	0930	15-May-96	1411	SW3550	SW8080	GC2	03-12-96	0.01
Endosulfan II	ENDOSULFANB	F		0.0000			0.002	0	PR	U	ND	MG/KG	09-May-96	0930	15-May-96	1411	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000			1E-04	0	PR	U	ND	MG/KG	09-May-96	0930	15-May-96	1411	SW3550	SW8080	GC2	03-12-96	0.045
Endrin	ENDRIN	F		0.0000			1E-04	0	PR	U	ND	MG/KG	09-May-96	0930	15-May-96	1411	SW3550	SW8080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000			0.002	0	PR	U	ND	MG/KG	09-May-96	0930	15-May-96	1411	SW3550	SW8080	GC2	03-12-96	0.022
Heptachlor	HEPTACHLOR	F		0.0000			4E-04	0	PR	U	ND	MG/KG	09-May-96	0930	15-May-96	1411	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000			2E-04	0	PR	U	ND	MG/KG	09-May-96	0930	15-May-96	1411	SW3550	SW8080	GC2	03-12-96	0.067
Methoxychlor	MTXYCL	F		0.0000			0.001	0	PR	U	ND	MG/KG	09-May-96	0930	15-May-96	1411	SW3550	SW8080	GC2	03-12-96	0.112
Toxaphene	TOXAP	F		0.0000			0.006	0	PR	U	ND	MG/KG	09-May-96	0930	15-May-96	1411	SW3550	SW8080	GC2	03-12-96	0.225
Decachlorobiphenyl (SS)	CL10BZ2	T		100	60	150		124	PR	%	MG/KG	09-May-96	0930	15-May-96	1411	SW3550	SW8080	GC2	03-12-96		
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T		100	60	150		82	PR	%	MG/KG	09-May-96	0930	15-May-96	1411	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 111204
 Lab Sample ID: 96-0918-04
 Lab Batch No.: 1302

Date Received: 03-May-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 89.2

431 410

Metals

Compound	Analyte Code	S	QC	Spike Level	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aluminum	AL	F		0.0000	5	0	PR	U	ND	MG/KG	07-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	50
Antimony	SB	F		0.0000	1	0	PR	U	ND	MG/KG	07-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	40
Arsenic	AS	F		0.0000	3	0	PR	U	ND	MG/KG	07-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	60
Barium	BA	F		0.0000	0.4	40.9	PR		=	MG/KG	07-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	2
Beryllium	BE	F		0.0000	0.06	0.448	PR		=	MG/KG	07-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	0.3
Cadmium	CD	F		0.0000	0.9	0	PR	U	ND	MG/KG	07-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	4
Calcium	CA	F		0.0000	2	0	PR	U	ND	MG/KG	07-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	10
Chromium	CR	F		0.0000	1	6.61	PR	J	TR	MG/KG	07-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	7
Cobalt	CO	F		0.0000	1	2.35	PR	J	TR	MG/KG	07-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	7
Copper	CU	F		0.0000	0.7	1.01	PR	J	TR	MG/KG	07-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	6
Iron	FE	F		0.0000	1	0	PR	U	ND	MG/KG	07-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	7
Lead	PB	F		0.0000	3	0	PR	U	ND	MG/KG	07-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	50
Magnesium	MG	F		0.0000	3	0	PR	U	ND	MG/KG	07-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	30
Manganese	MN	F		0.0000	0.2	0	PR	U	ND	MG/KG	07-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	2
Molybdenum	MO	F		0.0000	1	0	PR	U	ND	MG/KG	07-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	6
Nickel	NI	F		0.0000	1	0	PR	U	ND	MG/KG	07-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	15
Potassium	K	F		0.0000	100	0	PR	U	ND	MG/KG	07-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	500
Selenium	SE	F		0.0000	4	0	PR	U	ND	MG/KG	07-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	80
Silver	AG	F		0.0000	1	0	PR	U	ND	MG/KG	07-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	7
Sodium	NA	F		0.0000	5	0	PR	U	ND	MG/KG	07-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	30
Thallium	TL	F		0.0000	4	0	PR	U	ND	MG/KG	07-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	40
Vanadium	V	F		0.0000	0.8	7.85	PR	J	TR	MG/KG	07-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	8
Zinc	ZN	F		0.0000	0.2	7.29	PR		=	MG/KG	07-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	2

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 111204
 Lab Sample ID: 96-0918-04
 Lab Batch No.: 1299/1302/08

Date Received: 03-May-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 89.2

431 411

Metals

Compound	Analyte Code	S	QC	Spike Level	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Antimony	SB	F		0.0000	0.1	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1038	SW3050	SW7041	PE	05-07-96	0.5
Arsenic	AS	F		0.0000	0.1	1.23	PR		=	MG/KG	06-May-96	0900	06-May-96	1241	SW3050	SW7060	PE	05-06-96	0.5
Cadmium	CD	F		0.0000	0.02	0.101	PR		=	MG/KG	06-May-96	0900	07-May-96	1235	SW3050	SW7131	PE	05-07-96	0.1
Lead	PB	F		0.0000	0.1	6.16	PR		=	MG/KG	06-May-96	0900	06-May-96	1621	SW3050	SW7421	PE	05-06-96	0.5
Mercury	HG	F		0.0000	0.02	0	PR	U	ND	MG/KG	10-May-96	0900	10-May-96	1308	SW7471	SW7471	PE	05-10-96	0.1
Nickel	NI	F		0.0000	0.2	3.81	PR		=	MG/KG	06-May-96	0900	06-May-96	1304	SW3050	SW6010	TJA	05-06-96	1
Selenium	SE	F		0.0000	0.1	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	0858	SW3050	SW7740	PE	05-07-96	0.5
Silver	AG	F		0.0000	0.02	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1418	SW3050	SW7761	PE	05-07-96	0.1

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 111205
 Lab Sample ID 96-918-05
 Lab Batch No. SVS83

Date Received 03-May-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 90.7

431 412

SemiVolatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acenaphthene	ACNP	F		0.0000			35	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
Acenaphthylene	ACNPY	F		0.0000			35	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
Anthracene	ANTH	F		0.0000			38	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
Benz(a)anthracene	BZAA	F		0.0000			26.1	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
Benz(a)pyrene	BZAP	F		0.0000			41.9	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
Benz(b)fluoranthene	BZBF	F		0.0000			33.3	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
Benz(g,h,i)perylene	BZGHIP	F		0.0000			54.8	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
Benz(k)fluoranthene	BZKF	F		0.0000			86.5	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
Benzoic acid	BZACID	F		0.0000			59.1	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	1650
Benzyl alcohol	BZLAL	F		0.0000			47.9	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	660
bis(2-Chloroethoxy)methane	BECEM	F		0.0000			43.6	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
bis(2-Chloroethyl)ether	BIS2CEE	F		0.0000			51.2	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
bis(2-Chloroisopropyl)ether	BIS2CIE	F		0.0000			55.8	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
bis(2-Ethylhexyl)phthalate	BIS2EHP	F		0.0000			92.4	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
4-Bromophenyl-phenyl ether	BPPE4	F		0.0000			33.3	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
Butylbenzylphthalate	BBP	F		0.0000			39.3	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
4-Chloro-3-methylphenol	C4M3PH	F		0.0000			48.8	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	660
4-Chloroaniline	CLANIL4	F		0.0000			53.8	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	660
2-Chlorophenol	CLPH2	F		0.0000			57.1	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
4-Chlorophenyl-phenyl ether	CPCE4	F		0.0000			35.3	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
2-Chloronaphthalene	CNPH2	F		0.0000			29	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
Chrysene	CHRYSENE	F		0.0000			32	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
Di-n-butylphthalate	DNPB	F		0.0000			55.1	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
Di-n-octylphthalate	DNOP	F		0.0000			57.1	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
Dibenzo(a,h)anthracene	DBZAHHP	F		0.0000			50.2	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
Dibenzofuran	DBF	F		0.0000			37.3	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
1,2-Dichlorobenzene	DCBZ12	F		0.0000			51.5	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
1,3-Dichlorobenzene	DCBZ13	F		0.0000			52.1	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
1,4-Dichlorobenzene	DCBZ14	F		0.0000			52.8	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
3,3'-Dichlorobenzidine	DBZD33	F		0.0000			81.8	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	660
2,4-Dichlorophenol	DCP24	F		0.0000			52.8	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
Diethylphthalate	DEPH	F		0.0000			47.2	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
2,4-Dimethylphenol	DMP24	F		0.0000			43.9	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
Dimethylphthalate	DMPH	F		0.0000			36.6	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
2,6-Dinitrotoluene	DNT26	F		0.0000			36	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
2,4-Dinitrophenol	DNP24	F		0.0000			39.6	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	1650
4,6-Dinitro-2-methylphenol	DN46M	F		0.0000			50.8	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	1650
2,4-Dinitrotoluene	DNT24	F		0.0000			32.7	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
Fluoranthene	FLA	F		0.0000			40.6	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
Fluorene	FL	F		0.0000			35.3	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
Hexachlorobenzene	HCLB2	F		0.0000			33	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
Hexachlorobutadiene	HCBU	F		0.0000			47.9	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
Hexachlorocyclopentadiene	HCCP	F		0.0000			61.4	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
Hexachloroethane	HCLEA	F		0.0000			46.2	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
Indeno[1,2,3-cd]pyrene	INP123	F		0.0000			54.5	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
Isophorone	ISOP	F		0.0000			47.9	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
2-Methylnaphthalene	MTNPH2	F		0.0000			48.2	0	PR	U	NO	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
2-Methylphenol	MEPH2	F		0.0000			52.8	0	PR	U	NO	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
4-Methylphenol	MEPH4	F		0.0000			54.8	0	PR	U	NO	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
N-Nitroso-di-n-propylamine	NNSPR	F		0.0000			55.4	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
N-Nitrosodiphenylamine	NNSPH	F		0.0000			38	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
Naphthalene	NAPH	F		0.0000			39.9	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
2-Nitroaniline	NO2ANIL2	F		0.0000			38.3	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	1650
4-Nitroaniline	NO2ANIL4	F		0.0000			73.6	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	1650
3-Nitroaniline	NO2ANIL3	F		0.0000			43.9	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	1650
Nitrobenzene	NO2BZ2	F		0.0000			49.5	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
2-Nitrophenol	NTPH2	F		0.0000			46.5	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	330
4-Nitrophenol	NTPH4	F		0.0000			39.9	0	PR	U	ND	UG/KG	06-May-96	0900	06-May-96	1423	SW3550	SW8270	5972	03-19-96	1650

Laboratory ID CERTES
Project No. 10K70200
Client ID CR-A 111206
Lab Sample ID 96-0918-06
Lab Batch No. S-0464

Date Received 03-May-96
Matrix/Basis S/D
Dilution Factor 1
Total Solids(%) 87.8

Total Petroleum Hydrocarbons

431 413

Compound	Analyte Code	S	QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
TPH	PHC	F		0.0000	3.9	54.0	PR	=		MG/KG	07-May-96	0900	07-May-96	1300	SW3550	E418.1	IR	05-07-96	10

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 111207
 Lab Sample ID 96-0918-07
 Lab Batch No. PSTL-0022

Date Received 03-May-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 93.1

431 414

Chlordane

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000			1E-04	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	1939	SW3510	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000			2E-04	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	1939	SW3510	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000			3E-04	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	1939	SW3510	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F		0.0000			4E-04	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	1939	SW3510	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			1E-04	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	1939	SW3510	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000			0.28	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	1939	SW3510	SW8080	GC2	03-12-96	0.28
4,4'-DDD	DDD44	F		0.0000			0.002	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	1939	SW3510	SW8080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000			2E-04	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	1939	SW3510	SW8080	GC2	03-12-96	0.003
4,4'-DDT	DDT44	F		0.0000			5E-04	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	1939	SW3510	SW8080	GC2	03-12-96	0.008
Gieldrin	DIELDRIN	F		0.0000			1E-04	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	1939	SW3510	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F		0.0000			2E-04	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	1939	SW3510	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000			0.002	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	1939	SW3510	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000			1E-04	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	1939	SW3510	SW8080	GC2	03-12-96	0.04
Indrin	ENDRIN	F		0.0000			1E-04	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	1939	SW3510	SW8080	GC2	03-12-96	0.004
Indrin aldehyde	ENDRINALD	F		0.0000			0.002	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	1939	SW3510	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000			4E-04	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	1939	SW3510	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000			2E-04	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	1939	SW3510	SW8080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000			9E-04	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	1939	SW3510	SW8080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000			0.005	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	1939	SW3510	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL108Z2	T	100	60	150		122	PR	%	UG/L		09-May-96	1400	09-May-96	1939	SW3510	SW8080	GC2	03-12-96		
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	100	60	150		103	PR	%	UG/L		09-May-96	1400	09-May-96	1939	SW3510	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 111208
 Lab Sample ID 96-0918-08
 Lab Batch No. PSTL-0022

Date Received 03-May-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 88.9

TCLP Dieldrin

431 415

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL	
Aldrin	ALDRIN	F		0.0000				0.0001	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	2008	SW3510	SWB080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000				0.0002	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	2008	SW3510	SWB080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000				0.0003	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	2008	SW3510	SWB080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F		0.0000				0.0004	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	2008	SW3510	SWB080	GC2	03-12-96	0.001
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000				0.0001	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	2008	SW3510	SWB080	GC2	03-12-96	0.001
Chlordane	CHLORDANE	F		0.0000				0.005	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	2008	SW3510	SWB080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000				0.0002	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	2008	SW3510	SWB080	GC2	03-12-96	0.007
4,4'-DDE	DDE44	F		0.0000				0.0002	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	2008	SW3510	SWB080	GC2	03-12-96	0.002
4,4'-DDT	DDT44	F		0.0000				0.0005	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	2008	SW3510	SWB080	GC2	03-12-96	0.008
Dieldrin	DIELDRIN	F		0.0000				0.02	0.271	PR	=		UG/L	09-May-96	1400	09-May-96	2008	SW3510	SWB080	GC2	03-12-96	0.04
Endosulfan I	ENDOSULFANA	F		0.0000				0.0002	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	2008	SW3510	SWB080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000				0.002	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	2008	SW3510	SWB080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000				0.0001	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	2008	SW3510	SWB080	GC2	03-12-96	0.04
Endrin	ENDRIN	F		0.0000				0.0001	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	2008	SW3510	SWB080	GC2	03-12-96	0.004
Endrin aldehyde	ENDRINALD	F		0.0000				0.0002	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	2008	SW3510	SWB080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000				0.0004	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	2008	SW3510	SWB080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000				0.0002	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	2008	SW3510	SWB080	GC2	03-12-96	0.06
Methoxychlor	MTXYCL	F		0.0000				0.0009	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	2008	SW3510	SWB080	GC2	03-12-96	0.1
Toxaphene	TOXAP	F		0.0000				0.0005	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	2008	SW3510	SWB080	GC2	03-12-96	0.1
Decachlorobiphenyl (SS)	CL10BZ2	T		100	60	150		106		PR	%		UG/L	09-May-96	1400	09-May-96	2008	SW3510	SWB080	GC2	03-12-96	
2,4,5,5-Tetrachloro-m-xylene (SS)	XYL2456CLM	T		100	60	150		93		PR	%		UG/L	09-May-96	1400	09-May-96	2008	SW3510	SWB080	GC2	03-12-96	

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 111209
 Lab Sample ID 96-0918-09
 Job Batch No. 96W29

Date Received 03-May-96
 Matrix/Basis W/X
 Dilution Factor 1
 Total Solids(%) N/A

431 416

Volatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acetone	ACE	F		0.0000			10	0	PR	U	ND	UG/L	06-May-96	1350	06-May-96	1418	SW5030	SW8240	5971	03-22-96	100
Benzene	BZ	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1350	06-May-96	1418	SW5030	SW8240	5971	03-22-96	5
Bromodichloromethane	BDCME	F		0.0000			2	0	PR	U	ND	UG/L	06-May-96	1350	06-May-96	1418	SW5030	SW8240	5971	03-22-96	5
Bromoform	TBME	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1350	06-May-96	1418	SW5030	SW8240	5971	03-22-96	5
Bromomethane	BRME	F		0.0000			2	0	PR	U	ND	UG/L	06-May-96	1350	06-May-96	1418	SW5030	SW8240	5971	03-22-96	10
2-Butanone	MEK	F		0.0000			8	0	PR	U	ND	UG/L	06-May-96	1350	06-May-96	1418	SW5030	SW8240	5971	03-22-96	50
Carbon disulfide	CDS	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1350	06-May-96	1418	SW5030	SW8240	5971	03-22-96	5
Carbon tetrachloride	CTCL	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1350	06-May-96	1418	SW5030	SW8240	5971	03-22-96	5
Chlorobenzene	CLBZ	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1350	06-May-96	1418	SW5030	SW8240	5971	03-22-96	5
Chlorodibromomethane	BDCME	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1350	06-May-96	1418	SW5030	SW8240	5971	03-22-96	5
Chloroethane	CLEA	F		0.0000			2	0	PR	U	ND	UG/L	06-May-96	1350	06-May-96	1418	SW5030	SW8240	5971	03-22-96	10
1-Chloroethyl vinyl ether	CEVETH	F		0.0000			5	0	PR	U	ND	UG/L	06-May-96	1350	06-May-96	1418	SW5030	SW8240	5971	03-22-96	10
Chloroform	TCLME	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1350	06-May-96	1418	SW5030	SW8240	5971	03-22-96	5
Chloromethane	CLME	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1350	06-May-96	1418	SW5030	SW8240	5971	03-22-96	10
1,1-Dichloroethane	DCA11	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1350	06-May-96	1418	SW5030	SW8240	5971	03-22-96	5
1,2-Dichloroethane	DCA12	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1350	06-May-96	1418	SW5030	SW8240	5971	03-22-96	5
1,1-Dichloroethene	DCE11	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1350	06-May-96	1416	SW5030	SW8240	5971	03-22-96	5
cis-1, 2-Dichloroethene	DCE12C	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1350	06-May-96	1416	SW5030	SW8240	5971	03-22-96	5
trans-1, 2-Dichloroethene	DCE12T	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1350	06-May-96	1416	SW5030	SW8240	5971	03-22-96	5
1,2-Dichloropropane	DCPA12	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1350	06-May-96	1418	SW5030	SW8240	5971	03-22-96	5
cis-1, 3-Dichloropropene	DCP13C	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1350	06-May-96	1418	SW5030	SW8240	5971	03-22-96	5
trans-1, 3-Dichloropropene	DCP13T	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1350	06-May-96	1418	SW5030	SW8240	5971	03-22-96	5
Ethylbenzene	EBZ	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1350	06-May-96	1418	SW5030	SW8240	5971	03-22-96	5
1-Hexanone	HXO2	F		0.0000			8	0	PR	U	ND	UG/L	06-May-96	1350	06-May-96	1418	SW5030	SW8240	5971	03-22-96	50
Methylene chloride	MTLNCL	F		0.0000			3	0	PR	U	ND	UG/L	06-May-96	1350	06-May-96	1418	SW5030	SW8240	5971	03-22-96	5
4-Methyl-2-pentanone	MBK	F		0.0000			5	0	PR	U	ND	UG/L	06-May-96	1350	06-May-96	1416	SW5030	SW8240	5971	03-22-96	50
Styrene	STY	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1350	06-May-96	1418	SW5030	SW8240	5971	03-22-96	5
1,1,2,2-Tetrachloroethane	PCA	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1350	06-May-96	1418	SW5030	SW8240	5971	03-22-96	5
Tetrachloroethene	PCE	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1350	06-May-96	1418	SW5030	SW8240	5971	03-22-96	5
Toluene	BZME	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1350	06-May-96	1416	SW5030	SW8240	5971	03-22-96	5
1,1,1-Trichloroethane	TCA111	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1350	06-May-96	1418	SW5030	SW8240	5971	03-22-96	5
Trichloroethane	TCA112	F		0.0000			2	0	PR	U	ND	UG/L	06-May-96	1350	06-May-96	1418	SW5030	SW8240	5971	03-22-96	5
acrolein	TCE	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1350	06-May-96	1418	SW5030	SW8240	5971	03-22-96	5
Vinyl acetate	VA	F		0.0000			10	0	PR	U	ND	UG/L	06-May-96	1350	06-May-96	1418	SW5030	SW8240	5971	03-22-96	50
Vinyl chloride	VC	F		0.0000			2	0	PR	U	ND	UG/L	06-May-96	1350	06-May-96	1418	SW5030	SW8240	5971	03-22-96	10
Xylenes	XYLINES	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1350	06-May-96	1418	SW5030	SW8240	5971	03-22-96	5
Dibromofluoromethane (SS)	DBFM	T	100	76	114			96.6	PR	%	UG/L	06-May-96	1350	06-May-96	1418	SW5030	SW8240	5971	03-22-96		
Toluene-d8 (SS)	BZMED8	T	100	88	110			96.8	PR	%	UG/L	06-May-96	1350	06-May-96	1418	SW5030	SW8240	5971	03-22-96		
Bromofluorobenzene (SS)	BR4FBZ	T	100	86	115			90.3	PR	%	UG/L	06-May-96	1350	06-May-96	1416	SW5030	SW8240	5971	03-22-96		

Chase A. Thibodaux
Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A-111301
 Lab Sample ID: 96-0918-10
 Lab Batch No.: 96W29

Date Received: 03-May-96
 Matrix/Basis: W/X
 Dilution Factor: 1
 Total Solids(%): N/A

431 417

Volatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acetone	ACE	F		0.0000			10	0	PR	U	ND	UG/L	06-May-96	1418	06-May-96	1441	SW5030	SW8240	5971	03-22-96	100
Benzene	BZ	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1418	06-May-96	1441	SW5030	SW8240	5971	03-22-96	5
Bromodichloromethane	BDCME	F		0.0000			2	0	PR	U	ND	UG/L	06-May-96	1418	06-May-96	1441	SW5030	SW8240	5971	03-22-96	5
Bromoform	TBME	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1418	06-May-96	1441	SW5030	SW8240	5971	03-22-96	5
Bromomethane	BRME	F		0.0000			2	0	PR	U	ND	UG/L	06-May-96	1418	06-May-96	1441	SW5030	SW8240	5971	03-22-96	10
2-Butanone	MEK	F		0.0000			8	0	PR	U	ND	UG/L	06-May-96	1418	06-May-96	1441	SW5030	SW8240	5971	03-22-96	50
Carbon disulfide	CDS	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1418	06-May-96	1441	SW5030	SW8240	5971	03-22-96	5
Carbon tetrachloride	CTCL	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1418	06-May-96	1441	SW5030	SW8240	5971	03-22-96	5
Chlorobenzene	CLBZ	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1418	06-May-96	1441	SW5030	SW8240	5971	03-22-96	5
Chlorodibromomethane	BDCME	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1418	06-May-96	1441	SW5030	SW8240	5971	03-22-96	5
Chloroethane	CLEA	F		0.0000			2	0	PR	U	ND	UG/L	06-May-96	1418	06-May-96	1441	SW5030	SW8240	5971	03-22-96	10
2-Chloroethyl vinyl ether	CEVETH	F		0.0000			5	0	PR	U	ND	UG/L	06-May-96	1418	06-May-96	1441	SW5030	SW8240	5971	03-22-96	10
Chloroform	TCLME	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1418	06-May-96	1441	SW5030	SW8240	5971	03-22-96	5
Chloromethane	CLME	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1418	06-May-96	1441	SW5030	SW8240	5971	03-22-96	10
1,1-Dichloroethane	DCA11	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1418	06-May-96	1441	SW5030	SW8240	5971	03-22-96	5
1,2-Dichloroethane	DCA12	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1418	06-May-96	1441	SW5030	SW8240	5971	03-22-96	5
1,1-Dichloroethene	DCE11	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1418	06-May-96	1441	SW5030	SW8240	5971	03-22-96	5
cis-1, 2-Dichloroethene	DCE12C	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1418	06-May-96	1441	SW5030	SW8240	5971	03-22-96	5
trans-1, 2-Dichloroethene	DCE12T	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1418	06-May-96	1441	SW5030	SW8240	5971	03-22-96	5
1,2-Dichloropropane	DCPA12	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1418	06-May-96	1441	SW5030	SW8240	5971	03-22-96	5
cis-1, 3-Dichloropropene	DCP13C	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1418	06-May-96	1441	SW5030	SW8240	5971	03-22-96	5
trans-1, 3-Dichloropropene	DCP13T	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1418	06-May-96	1441	SW5030	SW8240	5971	03-22-96	5
Ethylbenzene	EBZ	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1418	06-May-96	1441	SW5030	SW8240	5971	03-22-96	5
2-Hexanone	HXO2	F		0.0000			8	0	PR	U	ND	UG/L	06-May-96	1418	06-May-96	1441	SW5030	SW8240	5971	03-22-96	50
Methylene chloride	MTLNCL	F		0.0000			3	0	PR	U	ND	UG/L	06-May-96	1418	06-May-96	1441	SW5030	SW8240	5971	03-22-96	5
4-Methyl-2-pentanone	MIBK	F		0.0000			5	0	PR	U	ND	UG/L	06-May-96	1418	06-May-96	1441	SW5030	SW8240	5971	03-22-96	50
Styrene	STY	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1418	06-May-96	1441	SW5030	SW8240	5971	03-22-96	5
1,1,2,2-Tetrachloroethane	PCA	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1418	06-May-96	1441	SW5030	SW8240	5971	03-22-96	5
Tetrachloroethene	PCE	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1418	06-May-96	1441	SW5030	SW8240	5971	03-22-96	5
Toluene	BZME	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1418	06-May-96	1441	SW5030	SW8240	5971	03-22-96	5
1,1,1-Trichloroethane	TCA111	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1418	06-May-96	1441	SW5030	SW8240	5971	03-22-96	5
1,1,2-Trichloroethane	TCA112	F		0.0000			2	0	PR	U	ND	UG/L	06-May-96	1418	06-May-96	1441	SW5030	SW8240	5971	03-22-96	5
Trichloroethene	TCE	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1418	06-May-96	1441	SW5030	SW8240	5971	03-22-96	5
Vinyl acetate	VA	F		0.0000			10	0	PR	U	ND	UG/L	06-May-96	1418	06-May-96	1441	SW5030	SW8240	5971	03-22-96	5
Vinyl chloride	VC	F		0.0000			2	0	PR	U	ND	UG/L	06-May-96	1418	06-May-96	1441	SW5030	SW8240	5971	03-22-96	10
Xylenes	XYLEMES	F		0.0000			1	0	PR	U	ND	UG/L	06-May-96	1418	06-May-96	1441	SW5030	SW8240	5971	03-22-96	5
Dibromofluoromethane (SS)	DBFM	T	100	76	114	92.0	PR	%	UG/L	06-May-96	1418	06-May-96	1441	SW5030	SW8240	5971	03-22-96				
Toluene-d8 (SS)	BZMED8	T	100	88	110	104	PR	%	UG/L	06-May-96	1418	06-May-96	1441	SW5030	SW8240	5971	03-22-96				
Bromofluorobenzene (SS)	BR4FBZ	T	100	88	115	87.2	PR	%	UG/L	06-May-96	1418	06-May-96	1441	SW5030	SW8240	5971	03-22-96				

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 111302
 Lab Sample ID: 96-0918-11
 Lab Batch No.: PSTL-0022

Date Received: 03-May-96
 Matrix/Basis: W/X
 Dilution Factor: 1
 Total Solids(%): N/A

431 418

cides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000			0.02	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	2038	SW3510	SW8080	GC2	03-12-96	0.04
Alpha-BHC	BHCBALPHA	F		0.0000			0.01	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	2038	SW3510	SW8080	GC2	03-12-96	0.03
Beta-BHC	BHCBETA	F		0.0000			0.02	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	2038	SW3510	SW8080	GC2	03-12-96	0.06
Delta-BHC	BHCDELTA	F		0.0000			0.02	0.186	PR	=	UG/L	09-May-96	1400	09-May-96	2038	SW3510	SW8080	GC2	03-12-96	0.09	
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			0.01	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	2038	SW3510	SW8080	GC2	03-12-96	0.04
Chlordane	CHLORDANE	F		0.0000			0.14	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	2038	SW3510	SW8080	GC2	03-12-96	0.14
4,4'-DDD	DDD44	F		0.0000			0.02	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	2038	SW3510	SW8080	GC2	03-12-96	0.11
1,4'-DDE	DDE44	F		0.0000			0.02	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	2038	SW3510	SW8080	GC2	03-12-96	0.04
1,4'-DDT	DDT44	F		0.0000			0.02	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	2038	SW3510	SW8080	GC2	03-12-96	0.12
Dieldrin	DIELDRIN	F		0.0000			0.01	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	2038	SW3510	SW8080	GC2	03-12-96	0.02
Endosulfan I	ENDOSULFANA	F		0.0000			0.01	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	2038	SW3510	SW8080	GC2	03-12-96	0.14
Endosulfan II	ENDOSULFANB	F		0.0000			0.01	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	2038	SW3510	SW8080	GC2	03-12-96	0.04
Endosulfan sulfate	ENDOSULFANS	F		0.0000			0.01	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	2038	SW3510	SW8080	GC2	03-12-96	0.66
Endrin	ENDRIN	F		0.0000			0.01	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	2038	SW3510	SW8080	GC2	03-12-96	0.06
Endrin aldehyde	ENDRINALD	F		0.0000			0.01	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	2038	SW3510	SW8080	GC2	03-12-96	0.23
Heptachlor	HEPTACHLOR	F		0.0000			0.01	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	2038	SW3510	SW8080	GC2	03-12-96	0.03
Heptachlor epoxide	HEPT-EPOX	F		0.0000			0.04	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	2038	SW3510	SW8080	GC2	03-12-96	0.63
Methoxychlor	MTXYCL	F		0.0000			0.06	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	2038	SW3510	SW8080	GC2	03-12-96	1.76
Toxaphene	TOXAP	F		0.0000			0.1	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	2038	SW3510	SW8080	GC2	03-12-96	2.4
Decachlorobiphenyl (SS)	CL108Z2	T		100	60	150		122	PR	%	UG/L	09-May-96	1400	09-May-96	2038	SW3510	SW8080	GC2	03-12-96		
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T		100	60	150		93	PR	%	UG/L	09-May-96	1400	09-May-96	2038	SW3510	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 111304
 Lab Sample ID 96-0918-13
 Lab Batch No. 1301

Date Received 03-May-96
 Matrix/Basis W/X
 Dilution Factor 1
 Total Solids(%) N/A

431 419

ICP Metals

Compound	Analyte Code	S	QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aluminum	AL	F		0.0000	0.05	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1300	SV3010	SW6010	TJA	05-06-96	0.5
Antimony	SB	F		0.0000	0.01	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1300	SV3010	SW6010	TJA	05-06-96	0.4
Arsenic	AS	F		0.0000	0.03	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1300	SV3010	SW6010	TJA	05-06-96	0.6
Barium	BA	F		0.0000	0.004	0.005	PR	J	TR	MG/L	06-May-96	0900	06-May-96	1300	SV3010	SW6010	TJA	05-06-96	0.02
Beryllium	BE	F		0.0000	0.0006	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1300	SV3010	SW6010	TJA	05-06-96	0
Cadmium	CD	F		0.0000	0.009	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1300	SV3010	SW6010	TJA	05-06-96	0.04
Calcium	CA	F		0.0000	0.02	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1300	SV3010	SW6010	TJA	05-06-96	0.1
Chromium	CR	F		0.0000	0.01	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1300	SV3010	SW6010	TJA	05-06-96	0.07
Cobalt	CO	F		0.0000	0.01	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1300	SV3010	SW6010	TJA	05-06-96	0.07
Copper	CU	F		0.0000	0.007	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1300	SV3010	SW6010	TJA	05-06-96	0.06
Iron	FE	F		0.0000	0.01	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1300	SV3010	SW6010	TJA	05-06-96	0.07
Lead	PB	F		0.0000	0.03	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1300	SV3010	SW6010	TJA	05-06-96	0.5
Magnesium	MG	F		0.0000	0.03	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1300	SV3010	SW6010	TJA	05-06-96	0.3
Manganese	MN	F		0.0000	0.002	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1300	SV3010	SW6010	TJA	05-06-96	0.02
Molybdenum	MO	F		0.0000	0.01	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1300	SV3010	SW6010	TJA	05-06-96	0.08
Nickel	NI	F		0.0000	0.01	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1300	SV3010	SW6010	TJA	05-06-96	0.15
Potassium	K	F		0.0000	1	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1300	SV3010	SW6010	TJA	05-06-96	5
Selenium	SE	F		0.0000	0.04	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1300	SV3010	SW6010	TJA	05-06-96	0.8
Silver	AG	F		0.0000	0.01	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1300	SV3010	SW6010	TJA	05-06-96	0.07
Sodium	NA	F		0.0000	0.05	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1300	SV3010	SW6010	TJA	05-06-96	0.3
Thallium	TL	F		0.0000	0.04	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1300	SV3010	SW6010	TJA	05-06-96	0.4
Vanadium	V	F		0.0000	0.008	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1300	SV3010	SW6010	TJA	05-06-96	0.08
Zinc	ZN	F		0.0000	0.002	0.01	PR	J	TR	MG/L	06-May-96	0900	06-May-96	1300	SV3010	SW6010	TJA	05-06-96	0.02

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 111304
 Lab Sample ID: 96-0918-13
 Batch No.: 1300/01/09

Date Received: 03-May-96
 Matrix/Basis: W/X
 Dilution Factor: 1
 Total Solids(%): N/A

431 420

metals

Compound	Analyte Code	S	QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Antimony	SB	F		0.0000	0.003	0	PR	U	ND	MG/L	06-May-96	0900	07-May-96	1107	SW3010	SW7040	PE	05-07-96	0.005
Arsenic	AS	F		0.0000	0.005	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1342	SW3010	SW7060	PE	05-06-96	0.005
Cadmium	CD	F		0.0000	0.001	0.0002	PR	J	TR	MG/L	06-May-96	0900	07-May-96	1304	SW3010	SW7130	PE	05-07-96	0.001
Lead	PB	F		0.0000	0.002	0.002	PR	J	TR	MG/L	06-May-96	0900	06-May-96	1722	SW3010	SW7421	PE	05-06-96	0.005
Mercury	HG	F		0.0000	0.001	0	PR	U	ND	MG/L	10-May-96	0900	10-May-96	1300	SW7470	SW7470	PE	05-10-96	0.001
Nickel	NI	F		0.0000	0.005	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1024	SW3010	SW6010	TJA	05-06-96	0.01
Selenium	SE	F		0.0000	0.005	0	PR	U	ND	MG/L	06-May-96	0900	07-May-96	0926	SW3010	SW7740	PE	05-07-96	0.005
Silver	AG	F		0.0000	0.001	0	PR	U	ND	MG/L	06-May-96	0900	07-May-96	1448	SW3010	SW7760	PE	05-07-96	0.001

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 111305
 Lab Sample ID 96-0918-14
 Lab Batch No. SVW44

Date Received 03-May-96
 Matrix/Basis W/X
 Dilution Factor 1
 Total Solids(%) N/A

431 421

SemiVolatile Organic Compounds

Compound	Analyte Code	S QC	Spike Level	CL MIN	CL MAX	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acenaphthene	ACNP	F	0.0000			1.06	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
Acenaphthylene	ACNPY	F	0.0000			1.06	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
Anthracene	ANTH	F	0.0000			1.15	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
Benz(a)anthracene	BZAA	F	0.0000			0.79	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
Benz(a)pyrene	BZAP	F	0.0000			1.27	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
Benz(b)fluoranthene	BZBF	F	0.0000			1.01	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
Benz(g,h,i)perylene	BZGHP	F	0.0000			1.66	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
Benz(k)fluoranthene	BZKF	F	0.0000			2.62	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	50
Benzoc acid	BZACID	F	0.0000			1.79	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	20
Benzyl alcohol	BZLAL	F	0.0000			1.45	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
bis(2-Chloroethoxy)methane	BECEM	F	0.0000			1.32	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
bis(2-Chloroethyl)ether	BIS2CEE	F	0.0000			1.55	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
bis(2-Chloroisopropyl)ether	BIS2CIE	F	0.0000			1.69	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
bis(2-Ethylhexyl)phthalate	BIS2EHP	F	0.0000			2.8	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
4-Bromophenyl-phenyl ether	BPPE4	F	0.0000			1.01	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
Butylbenzylphthalate	BBP	F	0.0000			1.19	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
4-Chloro-3-methylphenol	C4M3PH	F	0.0000			1.48	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	20
4-Chloroaniline	CLANIL4	F	0.0000			1.63	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	20
2-Chlorophenol	CLPH2	F	0.0000			1.73	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
4-Chlorophenyl-phenyl ether	CPPE4	F	0.0000			1.07	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
2-Chloronaphthalene	CNPH2	F	0.0000			0.88	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
Chrysene	CHRYSENE	F	0.0000			0.97	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
Di-n-butylphthalate	DNPB	F	0.0000			1.67	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
Di-n-octylphthalate	DNOP	F	0.0000			1.73	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
Dibenzo(a,h)anthracene	DBZAH	F	0.0000			1.52	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
Dibenzofuran	DBF	F	0.0000			1.13	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
1,2-Dichlorobenzene	DCBZ12	F	0.0000			1.56	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
1,3-Dichlorobenzene	DCBZ13	F	0.0000			1.58	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
1,4-Dichlorobenzene	DCBZ14	F	0.0000			1.6	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
3,3'-Dichlorobenzidine	DBZD33	F	0.0000			2.48	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	20
2,4-Dichlorophenol	DCP24	F	0.0000			1.6	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
Diethylphthalate	DEPH	F	0.0000			1.43	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
2,4-Dimethylphenol	DMP24	F	0.0000			1.33	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
Dimethylphthalate	DMPH	F	0.0000			1.11	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
2,6-Dinitrotoluene	DNT26	F	0.0000			1.09	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
2,4-Dinitrophenol	DNP24	F	0.0000			1.2	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	50
4-Dinitro-2-methylphenol	DN46M	F	0.0000			1.54	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	50
2,4-Dinitrotoluene	DNT24	F	0.0000			0.99	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
Fluoranthene	FLA	F	0.0000			1.23	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
Fluorene	FL	F	0.0000			1.07	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
Hexachlorobenzene	HCLBZ	F	0.0000			1	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
Hexachlorobutadiene	HCBU	F	0.0000			1.45	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
Hexachlorocyclopentadiene	HCCP	F	0.0000			1.86	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
Hexachloroethane	HCLEA	F	0.0000			1.4	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
Indeno(1,2,3-d)pyrene	INP123	F	0.0000			1.4	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
Isophorone	ISOP	F	0.0000			1.45	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
2-Methylnaphthalene	MTNPH2	F	0.0000			1.46	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
2-Methylphenol	MEPH2	F	0.0000			1.6	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
4-Methylphenol	MEPH4	F	0.0000			1.66	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
N-Nitrosodi-n-propylamine	NNNSPR	F	0.0000			1.68	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
N-Nitrosodiphenylamine	NNSPH	F	0.0000			1.15	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
Naphthalene	NAPH	F	0.0000			1.21	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
2-Nitroaniline	NO2ANIL2	F	0.0000			1.16	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	50
4-Nitroaniline	NO2ANIL4	F	0.0000			2.23	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	50
3-Nitroaniline	NO2ANIL3	F	0.0000			1.33	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	50
Nitrobenzene	NO2BZ	F	0.0000			1.5	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
2-Nitrophenol	NTPH2	F	0.0000			1.41	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	10
4-Nitrophenol	NTPH4	F	0.0000			1.21	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	50
Pentachlorophenol	PCP	F	0.0000			1.61	0	PR	U	ND	UG/L	06-May-96	1000	06-May-96	1331	SW3510	SW8270	5972	03-19-96	50
Phenanthrene	PHAN	F	0.0000			0.88	0	PR												

Laboratory ID CERTES
Project No. 10K70200
Client ID CR-A 111306
Lab Sample ID 96-0918-15
Lab Batch No. W-0292

Date Received 03-May-96
Matrix/Basis W/X
Dilution Factor 1
Total Solids(%) N/A

431 422

Total Petroleum Hydrocarbons

Compound	Analyte Code	S	QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
TPH	PHC	F		0.0000	0.2	0.19	PR	J	TR	MG/L	07-May-96	1000	07-May-96	1400	SW3510	E418.1	IR	05-07-96	1

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 111101
 Lab Sample ID 96-0918-16
 Lab Batch No. 96S28

Data Received 03-May-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 89

431 423

Volatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL	
Acetone	ACE	F		0.0000				0.01	0	PR	U	ND	MG/KG	06-May-96	1520	06-May-96	1549	SW5030	SW8240	5971	03-22-96	0.1
Benzene	BZ	F		0.0000				0.001	0	PR	U	ND	MG/KG	06-May-96	1520	06-May-96	1549	SW5030	SW8240	5971	03-22-96	0.005
Bromodichloromethane	BDCME	F		0.0000				0.001	0	PR	U	ND	MG/KG	06-May-96	1520	06-May-96	1549	SW5030	SW8240	5971	03-22-96	0.005
Bromoform	TBME	F		0.0000				0.001	0	PR	U	ND	MG/KG	06-May-96	1520	06-May-96	1549	SW5030	SW8240	5971	03-22-96	0.005
Bromomethane	BRME	F		0.0000				0.001	0	PR	U	ND	MG/KG	06-May-96	1520	06-May-96	1549	SW5030	SW8240	5971	03-22-96	0.01
2-Butanone	MEK	F		0.0000				0.005	0	PR	U	ND	MG/KG	06-May-96	1520	06-May-96	1549	SW5030	SW8240	5971	03-22-96	0.05
Carbon disulfide	CDS	F		0.0000				0.01	0	PR	U	ND	MG/KG	06-May-96	1520	06-May-96	1549	SW5030	SW8240	5971	03-22-96	0.005
Carbon tetrachloride	CTCL	F		0.0000				0.001	0	PR	U	ND	MG/KG	06-May-96	1520	06-May-96	1549	SW5030	SW8240	5971	03-22-96	0.005
Chlorobenzene	CLBZ	F		0.0000				0.001	0	PR	U	ND	MG/KG	06-May-96	1520	06-May-96	1549	SW5030	SW8240	5971	03-22-96	0.005
Chlorodibromomethane	BDCME	F		0.0000				0.001	0	PR	U	ND	MG/KG	06-May-96	1520	06-May-96	1549	SW5030	SW8240	5971	03-22-96	0.005
Chloroethane	CLEA	F		0.0000				0.002	0	PR	U	ND	MG/KG	06-May-96	1520	06-May-96	1549	SW5030	SW8240	5971	03-22-96	0.01
2-Chloroethyl vinyl ether	CEVETH	F		0.0000				0.005	0	PR	U	ND	MG/KG	06-May-96	1520	06-May-96	1549	SW5030	SW8240	5971	03-22-96	0.01
Chloroform	TCLME	F		0.0000				0.001	0	PR	U	ND	MG/KG	06-May-96	1520	06-May-96	1549	SW5030	SW8240	5971	03-22-96	0.005
Chloromethane	CLME	F		0.0000				0.002	0	PR	U	ND	MG/KG	06-May-96	1520	06-May-96	1549	SW5030	SW8240	5971	03-22-96	0.01
1,1-Dichloroethane	DCA11	F		0.0000				0.001	0	PR	U	ND	MG/KG	06-May-96	1520	06-May-96	1549	SW5030	SW8240	5971	03-22-96	0.005
1,2-Dichloroethane	DCA12	F		0.0000				0.001	0	PR	U	ND	MG/KG	06-May-96	1520	06-May-96	1549	SW5030	SW8240	5971	03-22-96	0.005
1,1-Dichloroethene	DCE11	F		0.0000				0.001	0	PR	U	ND	MG/KG	06-May-96	1520	06-May-96	1549	SW5030	SW8240	5971	03-22-96	0.005
cis-1, 2-Dichloroethene	DCE12C	F		0.0000				0.001	0	PR	U	ND	MG/KG	06-May-96	1520	06-May-96	1549	SW5030	SW8240	5971	03-22-96	0.005
trans-1, 2-Dichloroethene	DCE12T	F		0.0000				0.001	0	PR	U	ND	MG/KG	06-May-96	1520	06-May-96	1549	SW5030	SW8240	5971	03-22-96	0.005
1,2-Dichloropropane	DCPA12	F		0.0000				0.001	0	PR	U	ND	MG/KG	06-May-96	1520	06-May-96	1549	SW5030	SW8240	5971	03-22-96	0.005
cis-1, 3-Dichloropropene	DCP13C	F		0.0000				0.001	0	PR	U	ND	MG/KG	06-May-96	1520	06-May-96	1549	SW5030	SW8240	5971	03-22-96	0.005
trans-1, 3-Dichloropropene	DCP13T	F		0.0000				0.001	0	PR	U	ND	MG/KG	06-May-96	1520	06-May-96	1549	SW5030	SW8240	5971	03-22-96	0.005
Ethylbenzene	EBZ	F		0.0000				0.001	0	PR	U	ND	MG/KG	06-May-96	1520	06-May-96	1549	SW5030	SW8240	5971	03-22-96	0.005
2-Hexanone	HX02	F		0.0000				0.006	0	PR	U	ND	MG/KG	06-May-96	1520	06-May-96	1549	SW5030	SW8240	5971	03-22-96	0.05
Methylene chloride	MTLNCL	F		0.0000				0.001	0	PR	U	ND	MG/KG	06-May-96	1520	06-May-96	1549	SW5030	SW8240	5971	03-22-96	0.005
4-Methyl-2-pentanone	MIBK	F		0.0000				0.005	0	PR	U	ND	MG/KG	06-May-96	1520	06-May-96	1549	SW5030	SW8240	5971	03-22-96	0.05
Styrene	STY	F		0.0000				0.001	0	PR	U	ND	MG/KG	06-May-96	1520	06-May-96	1549	SW5030	SW8240	5971	03-22-96	0.005
1,1,2,2-Tetrachloroethane	PCA	F		0.0000				0.001	0	PR	U	ND	MG/KG	06-May-96	1520	06-May-96	1549	SW5030	SW8240	5971	03-22-96	0.005
Tetrachloroethene	PCE	F		0.0000				0.001	0	PR	U	ND	MG/KG	06-May-96	1520	06-May-96	1549	SW5030	SW8240	5971	03-22-96	0.005
Toluene	BZME	F		0.0000				0.001	0	PR	U	ND	MG/KG	06-May-96	1520	06-May-96	1549	SW5030	SW8240	5971	03-22-96	0.005
1,1,1-Trichloroethane	TCA111	F		0.0000				0.001	0	PR	U	ND	MG/KG	06-May-96	1520	06-May-96	1549	SW5030	SW8240	5971	03-22-96	0.005
1,1,2-Trichloroethane	TCA112	F		0.0000				0.001	0	PR	U	ND	MG/KG	06-May-96	1520	06-May-96	1549	SW5030	SW8240	5971	03-22-96	0.005
Trichloroethene	TCE	F		0.0000				0.001	0	PR	U	ND	MG/KG	06-May-96	1520	06-May-96	1549	SW5030	SW8240	5971	03-22-96	0.005
Vinyl acetate	VA	F		0.0000				0.01	0	PR	U	ND	MG/KG	06-May-96	1520	06-May-96	1549	SW5030	SW8240	5971	03-22-96	0.005
Vinyl chloride	VC	F		0.0000				0.002	0	PR	U	ND	MG/KG	06-May-96	1520	06-May-96	1549	SW5030	SW8240	5971	03-22-96	0.005
Xylenes	XYLENES	F		0.0000				0.001	0	PR	U	ND	MG/KG	06-May-96	1520	06-May-96	1549	SW5030	SW8240	5971	03-22-96	0.005
Dibromofluoromethane (SS)	DBFM	T	100	76	114	95.9	PR	%	MG/KG	06-May-96	1520	06-May-96	1549	SW5030	SW8240	5971	03-22-96	0.005				
Toluene-d8 (SS)	BZMED8	T	100	88	110	103	PR	%	MG/KG	06-May-96	1520	06-May-96	1549	SW5030	SW8240	5971	03-22-96					
Bromofluorobenzene (SS)	BR4FBZ	T	100	86	115	85.5	PR	%	MG/KG	06-May-96	1520	06-May-96	1549	SW5030	SW8240	5971	03-22-96					

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 111102
 Lab Sample ID 96-0918-17
 Lab Batch No. PSTS-0021

Date Received 03-May-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 88

431 424

clides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000			1E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1443	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000			2E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1443	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000			3E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1443	SW3550	SW8080	GC2	03-12-96	0.004
Gamma-BHC	BHCDelta	F		0.0000			4E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1443	SW3550	SW8080	GC2	03-12-96	0.006
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			1E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1443	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F		0.0000			0.005	0.045	PR	U	=	MG/KG	09-May-96	0930	09-May-96	1443	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F		0.0000			0.002	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1443	SW3550	SW8080	GC2	03-12-96	0.007
4'-DDE	DDE44	F		0.0000			2E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1443	SW3550	SW8080	GC2	03-12-96	0.003
4'-DDT	DDT44	F		0.0000			5E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1443	SW3550	SW8080	GC2	03-12-96	0.008
Heptdrin	OIELDRIN	F		0.0000			1E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1443	SW3550	SW8080	GC2	03-12-96	0.001
Endosulfan I	ENDOSULFANA	F		0.0000			2E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1443	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan II	ENDOSULFANB	F		0.0000			0.002	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1443	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan sulfate	ENDOSULFANS	F		0.0000			1E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1443	SW3550	SW8080	GC2	03-12-96	0.04
ndrin	ENDRIN	F		0.0000			1E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1443	SW3550	SW8080	GC2	03-12-96	0.004
ndrin aldehyde	ENDRINALD	F		0.0000			0.002	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1443	SW3550	SW8080	GC2	03-12-96	0.02
Heptachlor	HEPTACHLOR	F		0.0000			4E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1443	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F		0.0000			2E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1443	SW3550	SW8080	GC2	03-12-96	0.06
tethoxychlor	MTXYCL	F		0.0000			9E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1443	SW3550	SW8080	GC2	03-12-96	0.1
oxaphene	TOXAP	F		0.0000			0.005	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1443	SW3550	SW8080	GC2	03-12-96	0.2
ecachlorobiphenyl (SS)	CL10BZ2	T	100	60	150		144		PR	%	%	MG/KG	09-May-96	0930	09-May-96	1443	SW3550	SW8080	GC2	03-12-96	
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	100	60	150		100		PR	%	%	MG/KG	09-May-96	0930	09-May-96	1443	SW3550	SW8080	GC2	03-12-96	

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 111104
 Lab Sample ID 96-0918-19
 Lab Batch No. 1302

Date Received 03-May-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 91.3

431 425

ICP Metals

Compound	Analyte Code	S	QC	Spike Level	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aluminum	AL	F		0.0000	5	0	PR	U	ND	MG/KG	07-May-96	0900	07-May-96	1304	SW3050	SW6010	TJA	05-07-96	50
Antimony	SB	F		0.0000	1	0	PR	U	ND	MG/KG	07-May-96	0900	07-May-96	1304	SW3050	SW6010	TJA	05-07-96	40
Arsenic	AS	F		0.0000	3	0	PR	U	ND	MG/KG	07-May-96	0900	07-May-96	1304	SW3050	SW6010	TJA	05-07-96	60
Barium	BA	F		0.0000	0.4	71.8	PR		=	MG/KG	07-May-96	0900	07-May-96	1304	SW3050	SW6010	TJA	05-07-96	2
Beryllium	BE	F		0.0000	0.06	0.438	PR		=	MG/KG	07-May-96	0900	07-May-96	1304	SW3050	SW6010	TJA	05-07-96	0.3
Cadmium	CD	F		0.0000	0.9	0	PR	U	ND	MG/KG	07-May-96	0900	07-May-96	1304	SW3050	SW6010	TJA	05-07-96	4
Calcium	CA	F		0.0000	2	0	PR	U	ND	MG/KG	07-May-96	0900	07-May-96	1304	SW3050	SW6010	TJA	05-07-96	10
Chromium	CR	F		0.0000	1	6.68	PR	J	TR	MG/KG	07-May-96	0900	07-May-96	1304	SW3050	SW6010	TJA	05-07-96	7
Cobalt	CO	F		0.0000	1	1.86	PR	J	TR	MG/KG	07-May-96	0900	07-May-96	1304	SW3050	SW6010	TJA	05-07-96	7
Copper	CU	F		0.0000	0.7	0.657	PR	J	TR	MG/KG	07-May-96	0900	07-May-96	1304	SW3050	SW6010	TJA	05-07-96	6
Iron	FE	F		0.0000	1	0	PR	U	ND	MG/KG	07-May-96	0900	07-May-96	1304	SW3050	SW6010	TJA	05-07-96	7
Lead	PB	F		0.0000	3	0	PR	U	ND	MG/KG	07-May-96	0900	07-May-96	1304	SW3050	SW6010	TJA	05-07-96	50
Magnesium	MG	F		0.0000	3	0	PR	U	ND	MG/KG	07-May-96	0900	07-May-96	1304	SW3050	SW6010	TJA	05-07-96	30
Manganese	MN	F		0.0000	0.2	0	PR	U	ND	MG/KG	07-May-96	0900	07-May-96	1304	SW3050	SW6010	TJA	05-07-96	2
Molybdenum	MO	F		0.0000	1	0	PR	U	ND	MG/KG	07-May-96	0900	07-May-96	1304	SW3050	SW6010	TJA	05-07-96	8
Nickel	NI	F		0.0000	1	0	PR	U	ND	MG/KG	07-May-96	0900	07-May-96	1304	SW3050	SW6010	TJA	05-07-96	15
Potassium	K	F		0.0000	100	0	PR	U	ND	MG/KG	07-May-96	0900	07-May-96	1304	SW3050	SW6010	TJA	05-07-96	500
Selenium	SE	F		0.0000	4	0	PR	U	ND	MG/KG	07-May-96	0900	07-May-96	1304	SW3050	SW6010	TJA	05-07-96	80
Silver	AG	F		0.0000	1	0	PR	U	ND	MG/KG	07-May-96	0900	07-May-96	1304	SW3050	SW6010	TJA	05-07-96	7
Sodium	NA	F		0.0000	5	0	PR	U	ND	MG/KG	07-May-96	0900	07-May-96	1304	SW3050	SW6010	TJA	05-07-96	30
Thallium	TL	F		0.0000	4	0	PR	U	ND	MG/KG	07-May-96	0900	07-May-96	1304	SW3050	SW6010	TJA	05-07-96	40
Vanadium	V	F		0.0000	0.8	17.2	PR		=	MG/KG	07-May-96	0900	07-May-96	1304	SW3050	SW6010	TJA	05-07-96	8
Zinc	ZN	F		0.0000	0.2	11.0	PR		=	MG/KG	07-May-96	0900	07-May-96	1304	SW3050	SW6010	TJA	05-07-96	2

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 111104
 Lab Sample ID: 96-0918-19
 Batch No.: 1299/1302/08

Date Received: 03-May-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 91.3

metals

431 426

Compound	Analyte Code	S	QC	Spike Level	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Antimony	SB	F		0.0000	0.1	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1041	SW3050	SW7041	PE	05-07-96	0.5
Arsenic	AS	F		0.0000	0.1	1.31	PR	-	-	MG/KG	06-May-96	0900	06-May-96	1247	SW3050	SW7060	PE	05-06-96	0.5
Cadmium	CD	F		0.0000	0.02	0.066	PR	J	TR	MG/KG	06-May-96	0900	07-May-96	1238	SW3050	SW7131	PE	05-07-96	0.1
Lead	PB	F		0.0000	0.1	5.91	PR	-	-	MG/KG	06-May-96	0900	06-May-96	1627	SW3050	SW7421	PE	05-06-96	0.5
Mercury	HG	F		0.0000	0.02	0	PR	U	ND	MG/KG	10-May-96	0900	10-May-96	1021	SW7471	SW7471	PE	05-10-96	0.1
Nickel	NI	F		0.0000	0.2	3.72	PR	-	-	MG/KG	06-May-96	0900	07-May-96	1304	SW3050	SW6010	TJA	05-07-96	1
Selenium	SE	F		0.0000	0.1	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	0901	SW3050	SW7740	PE	05-07-96	0.5
Silver	AG	F		0.0000	0.02	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1421	SW3050	SW7761	PE	05-07-96	0.1

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 111105
 Lab Sample ID: 96-0918-20
 Lab Batch No.: SVS83

Date Received: 03-May-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 89.9

431 427

SemiVolatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acenaphthene	ACNP	F		0.0000		35	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
Acenaphthylene	ACNPY	F		0.0000		35	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
Anthracene	ANTH	F		0.0000		38	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
Benz(a)anthracene	BZAA	F		0.0000		26.1	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
Benz(a)pyrene	BZAP	F		0.0000		41.9	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
Benz(b)fluoranthene	BZBF	F		0.0000		33.3	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
Benz(g,h,i)perylene	BZGHIP	F		0.0000		54.8	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
Benz(k)fluoranthene	BZKF	F		0.0000		86.5	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
Benzo acid	BZACID	F		0.0000		59.1	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	1650	
Benzyl alcohol	BZLAL	F		0.0000		47.9	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	660	
bis(2-Chloroethoxy)methane	BECEM	F		0.0000		43.6	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
bis(2-Chloroethyl)ether	BIS2CEE	F		0.0000		51.2	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
bis(2-Chloroisopropyl)ether	BIS2CIE	F		0.0000		55.8	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
bis(2-Ethylhexyl)phthalate	BIS2EHP	F		0.0000		92.4	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
4-Bromophenyl-phenyl ether	BPPE4	F		0.0000		33.3	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
Butylbenzylphthalate	BBP	F		0.0000		39.3	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
4-Chloro-3-methylphenol	C4M3PH	F		0.0000		48.8	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	660	
4-Chloroaniline	CLANIL4	F		0.0000		53.8	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	660	
2-Chlorophenol	CLPH2	F		0.0000		57.1	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
4-Chlorophenyl-phenyl ether	CPPE4	F		0.0000		35.3	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
2-Chloronaphthalene	CNPH2	F		0.0000		29	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
Chrysene	CHRYSENE	F		0.0000		32	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
Di-n-butylphthalate	DNPB	F		0.0000		55.1	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
Di-n-octylphthalate	DNOP	F		0.0000		57.1	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
Dibenzo(a,h)anthracene	DBZAH	F		0.0000		50.2	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
Dibenzoofuran	DBF	F		0.0000		37.3	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
1,2-Dichlorobenzene	DCBZ12	F		0.0000		51.5	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
1,3-Dichlorobenzene	DCBZ13	F		0.0000		52.1	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
1,4-Dichlorobenzene	DCBZ14	F		0.0000		52.8	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
3,3'-Dichlorobenzidine	DBDZ33	F		0.0000		81.8	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	660	
2,4-Dichlorophenol	DCP24	F		0.0000		52.8	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
Diethylphthalate	DEPH	F		0.0000		47.2	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
2,4-Dimethylphenol	DMP24	F		0.0000		43.9	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
Dimethylphthalate	DMPH	F		0.0000		36.6	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
2,6-Dinitrotoluene	DNT26	F		0.0000		36	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
2,4-Dinitrophenol	DNP24	F		0.0000		39.6	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	1650	
4,6-Dinitro-2-methylphenol	DN46M	F		0.0000		50.8	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	1650	
2,4-Dinitrotoluene	DNT24	F		0.0000		32.7	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
Fluoranthene	FLA	F		0.0000		40.6	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
Fluorene	FL	F		0.0000		35.3	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
Hexachlorobenzene	HCLBZ	F		0.0000		33	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
Hexachlorobutadiene	HCBU	F		0.0000		47.9	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
Hexachlorocyclopentadiene	HCCP	F		0.0000		61.4	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
Hexachloroethane	HCLEA	F		0.0000		46.2	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
Indeno(1,2,3-cd)pyrene	INP123	F		0.0000		54.5	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
Isophorone	ISOP	F		0.0000		47.9	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
2-Methylnaphthalene	MTNPH2	F		0.0000		48.2	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
2-Methylphenol	MEPH2	F		0.0000		52.8	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
4-Methylphenol	MEPH4	F		0.0000		54.8	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
N-Nitroso-di-n-propylamine	NNSPR	F		0.0000		55.4	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
N-Nitrosodiphenylamine	NNSPH	F		0.0000		38	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
Naphthalene	NAPH	F		0.0000		39.9	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
2-Nitroaniline	NO2ANIL2	F		0.0000		38.3	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	1650	
4-Nitroaniline	NO2ANIL4	F		0.0000		73.6	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	1650	
3-Nitroaniline	NO2ANIL3	F		0.0000		43.9	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	1650	
Nitrobenzene	NO2BZ	F		0.0000		49.5	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	330	
2-Nitrophenol	NTPH2	F		0.0000		46.5	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	1650	
4-Nitrophenol	NTPH4	F		0.0000		39.9	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972	03-19-96	1650	
Pentachlorophenol	PCP	F		0.0000		53.1	0	PR U	ND	UG/KG		06-May-96	0900	06-May-96	2041	SW3550	SW8270	5972			

Laboratory ID CERTES
Project No. 10K70200
Client ID CR-A 11106
Lab Sample ID 96-0918-21
Batch No. S-0464

Date Received 03-May-96
Matrix/Basis S/D
Dilution Factor 1
Total Solids(%) 88.6

Total Petroleum Hydrocarbons

431 428

Compound	Analyte Code	S	QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
TPH	PHC	F		0.0000	3.9	21.0	PR	*		MG/KG	07-May-96	0900	07-May-96	1300	SW3550	E418.1	IR	05-07-96	10

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 110901
 Lab Sample ID 98-0918-22
 Lab Batch No. 22

Date Received 03-May-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 90.2

Volatile Organic Compounds

431 429

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acetone	ACE	F		0.0000				0.01	0	PR U	ND	MG/KG	06-May-96	1535	06-May-96	1555	SW5030	SW8240	5971	03-22-96	0.1
Benzene	BZ	F		0.0000				0.001	0	PR U	ND	MG/KG	06-May-96	1535	06-May-96	1555	SW5030	SW8240	5971	03-22-96	0.005
Bromodichloromethane	BDCME	F		0.0000				0.001	0	PR U	ND	MG/KG	06-May-96	1535	06-May-96	1555	SW5030	SW8240	5971	03-22-96	0.005
Bromoform	TBME	F		0.0000				0.001	0	PR U	ND	MG/KG	06-May-96	1535	06-May-96	1555	SW5030	SW8240	5971	03-22-96	0.005
Bromomethane	BRME	F		0.0000				0.001	0	PR U	ND	MG/KG	06-May-96	1535	06-May-96	1555	SW5030	SW8240	5971	03-22-96	0.01
2-Butanone	MEK	F		0.0000				0.005	0	PR U	ND	MG/KG	06-May-96	1535	06-May-96	1555	SW5030	SW8240	5971	03-22-96	0.05
Carbon disulfide	CDS	F		0.0000				0.01	0	PR U	ND	MG/KG	06-May-96	1535	06-May-96	1555	SW5030	SW8240	5971	03-22-96	0.005
Carbon tetrachloride	CTCL	F		0.0000				0.001	0	PR U	ND	MG/KG	06-May-96	1535	06-May-96	1555	SW5030	SW8240	5971	03-22-96	0.005
Chlorobenzene	CLBZ	F		0.0000				0.001	0	PR U	ND	MG/KG	06-May-96	1535	06-May-96	1555	SW5030	SW8240	5971	03-22-96	0.005
Chlorodibromomethane	BDCME	F		0.0000				0.001	0	PR U	ND	MG/KG	06-May-96	1535	06-May-96	1555	SW5030	SW8240	5971	03-22-96	0.005
Chloroethane	CLEA	F		0.0000				0.002	0	PR U	ND	MG/KG	06-May-96	1535	06-May-96	1555	SW5030	SW8240	5971	03-22-96	0.01
2-Chloroethyl vinyl ether	CEVETH	F		0.0000				0.005	0	PR U	ND	MG/KG	06-May-96	1535	06-May-96	1555	SW5030	SW8240	5971	03-22-96	0.01
Chloroform	TCLME	F		0.0000				0.001	0	PR U	ND	MG/KG	06-May-96	1535	06-May-96	1555	SW5030	SW8240	5971	03-22-96	0.005
Chloromethane	CLME	F		0.0000				0.002	0	PR U	ND	MG/KG	06-May-96	1535	06-May-96	1555	SW5030	SW8240	5971	03-22-96	0.01
1,1-Dichloroethane	DCA11	F		0.0000				0.001	0	PR U	ND	MG/KG	06-May-96	1535	06-May-96	1555	SW5030	SW8240	5971	03-22-96	0.005
1,2-Dichloroethane	DCA12	F		0.0000				0.001	0	PR U	ND	MG/KG	06-May-96	1535	06-May-96	1555	SW5030	SW8240	5971	03-22-96	0.005
1,1-Dichloroethene	DCE11	F		0.0000				0.001	0	PR U	ND	MG/KG	06-May-96	1535	06-May-96	1555	SW5030	SW8240	5971	03-22-96	0.005
cis-1, 2-Dichloroethene	DCE12C	F		0.0000				0.001	0	PR U	ND	MG/KG	06-May-96	1535	06-May-96	1555	SW5030	SW8240	5971	03-22-96	0.005
trans-1, 2-Dichloroethene	DCE12T	F		0.0000				0.001	0	PR U	ND	MG/KG	06-May-96	1535	06-May-96	1555	SW5030	SW8240	5971	03-22-96	0.005
1,2-Dichloropropane	DCPA12	F		0.0000				0.001	0	PR U	ND	MG/KG	06-May-96	1535	06-May-96	1555	SW5030	SW8240	5971	03-22-96	0.005
cis-1, 3-Dichloropropene	DCP13C	F		0.0000				0.001	0	PR U	ND	MG/KG	06-May-96	1535	06-May-96	1555	SW5030	SW8240	5971	03-22-96	0.005
trans-1, 3-Dichloropropene	DCP13T	F		0.0000				0.001	0	PR U	ND	MG/KG	06-May-96	1535	06-May-96	1555	SW5030	SW8240	5971	03-22-96	0.005
Ethylbenzene	EBZ	F		0.0000				0.001	0	PR U	ND	MG/KG	06-May-96	1535	06-May-96	1555	SW5030	SW8240	5971	03-22-96	0.005
2-Hexanone	HXO2	F		0.0000				0.008	0	PR U	ND	MG/KG	06-May-96	1535	06-May-96	1555	SW5030	SW8240	5971	03-22-96	0.05
Methylene chloride	MTLNC	F		0.0000				0.001	0	PR U	ND	MG/KG	06-May-96	1535	06-May-96	1555	SW5030	SW8240	5971	03-22-96	0.005
4-Methyl-2-pentanone	MIBK	F		0.0000				0.005	0	PR U	ND	MG/KG	06-May-96	1535	06-May-96	1555	SW5030	SW8240	5971	03-22-96	0.05
Styrene	STY	F		0.0000				0.001	0	PR U	ND	MG/KG	06-May-96	1535	06-May-96	1555	SW5030	SW8240	5971	03-22-96	0.005
1,1,2,2-Tetrachloroethane	PCA	F		0.0000				0.001	0	PR U	ND	MG/KG	06-May-96	1535	06-May-96	1555	SW5030	SW8240	5971	03-22-96	0.005
Tetrachloroethene	PCE	F		0.0000				0.001	0	PR U	ND	MG/KG	06-May-96	1535	06-May-96	1555	SW5030	SW8240	5971	03-22-96	0.005
Toluene	BZME	F		0.0000				0.001	0	PR U	ND	MG/KG	06-May-96	1535	06-May-96	1555	SW5030	SW8240	5971	03-22-96	0.005
1,1,1-Trichloroethane	TCA111	F		0.0000				0.001	0	PR U	ND	MG/KG	06-May-96	1535	06-May-96	1555	SW5030	SW8240	5971	03-22-96	0.005
1,1,2-Trichloroethane	TCA112	F		0.0000				0.001	0	PR U	ND	MG/KG	06-May-96	1535	06-May-96	1555	SW5030	SW8240	5971	03-22-96	0.005
Trichloroethene	TCE	F		0.0000				0.001	0	PR U	ND	MG/KG	06-May-96	1535	06-May-96	1555	SW5030	SW8240	5971	03-22-96	0.005
Vinyl acetate	VA	F		0.0000				0.01	0	PR U	ND	MG/KG	06-May-96	1535	06-May-96	1555	SW5030	SW8240	5971	03-22-96	0.005
Vinyl chloride	VC	F		0.0000				0.002	0	PR U	ND	MG/KG	06-May-96	1535	06-May-96	1555	SW5030	SW8240	5971	03-22-96	0.005
Xylenes	XYLEMES	F		0.0000				0.001	0	PR U	ND	MG/KG	06-May-96	1535	06-May-96	1555	SW5030	SW8240	5971	03-22-96	0.005
Dibromofluoromethane (SS)	DBFM	T	100	76	114	95.2	PR	%	MG/KG	06-May-96	1535	06-May-96	1555	SW5030	SW8240	5971	03-22-96				
Toluene-d8 (SS)	BZMED8	T	100	88	110	98.7	PR	%	MG/KG	06-May-96	1535	06-May-96	1555	SW5030	SW8240	5971	03-22-96				
Bromofluorobenzene (SS)	BR4FBZ	T	100	86	115	90.3	PR	%	MG/KG	06-May-96	1535	06-May-96	1555	SW5030	SW8240	5971	03-22-96				

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 110902
 Job Sample ID: 96-0918-23
 Job Batch No.: PSTS-0021

Date Received: 03-May-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 89.4

431 430

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F		0.0000			1E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1557	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F		0.0000			2E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1557	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F		0.0000			3E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1557	SW3550	SW8080	GC2	03-12-96	0.004
Gamma-BHC (Lindane)	BHCGAMMA	F		0.0000			4E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1557	SW3550	SW8080	GC2	03-12-96	0.006
Chlordane	CHLORDANE	F		0.0000			0.005	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1557	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDD	DDD44	F		0.0000			0.002	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1557	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDDE	DDE44	F		0.0000			2E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1557	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDT	DDT44	F		0.0000			5E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1557	SW3550	SW8080	GC2	03-12-96	0.008
Heptachlor	HELDRIN	F		0.0000			1E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1557	SW3550	SW8080	GC2	03-12-96	0.001
Heptachlor epoxide	HEPT-SFANA	F		0.0000			2E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1557	SW3550	SW8080	GC2	03-12-96	0.009
Methoxychlor	MTXYCL	F		0.0000			0.002	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1557	SW3550	SW8080	GC2	03-12-96	0.003
Isophene	TOXAP	F		0.0000			0.005	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1557	SW3550	SW8080	GC2	03-12-96	0.2
Tetrachlorobiphenyl (SS)	CL10BZ2	T		100	60	150		126	PR	%	MG/KG	09-May-96	0930	09-May-96	1557	SW3550	SW8080	GC2	03-12-96		
Tetrachloro-m-xylene (SS)	XYL2456CLM	T		100	60	150		111	PR	%	MG/KG	09-May-96	0930	09-May-96	1557	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 110904
 Lab Sample ID: 96-0918-25
 Lab Batch No.: 1302

Date Received: 03-May-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 89.7

431 431

ICP Metals

Compound	Analyte Code	S	QC	Spike Level	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Aml	Time Aml	Prep Meth	Anal Meth	Inst ID	CAL	PQL
Aluminum	AL	F		0.0000	5	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1305	SW3050	SW6010	TJA	05-07-96	50
Antimony	SB	F		0.0000	1	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1305	SW3050	SW6010	TJA	05-07-96	40
Arsenic	AS	F		0.0000	3	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1305	SW3050	SW6010	TJA	05-07-96	60
Barium	BA	F		0.0000	0.4	19.2	PR	=		MG/KG	06-May-96	0900	07-May-96	1305	SW3050	SW6010	TJA	05-07-96	2
Beryllium	BE	F		0.0000	0.06	0.448	PR	=		MG/KG	06-May-96	0900	07-May-96	1305	SW3050	SW6010	TJA	05-07-96	0.3
Cadmium	CD	F		0.0000	0.9	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1305	SW3050	SW6010	TJA	05-07-96	4
Calcium	CA	F		0.0000	2	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1305	SW3050	SW6010	TJA	05-07-96	10
Chromium	CR	F		0.0000	1	4.46	PR	J	TR	MG/KG	06-May-96	0900	07-May-96	1305	SW3050	SW6010	TJA	05-07-96	7
Cobalt	CO	F		0.0000	1	2.45	PR	J	TR	MG/KG	06-May-96	0900	07-May-96	1305	SW3050	SW6010	TJA	05-07-96	7
Copper	CU	F		0.0000	0.7	1.34	PR	J	TR	MG/KG	06-May-96	0900	07-May-96	1305	SW3050	SW6010	TJA	05-07-96	6
Iron	FE	F		0.0000	1	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1305	SW3050	SW6010	TJA	05-07-96	7
Lead	PB	F		0.0000	3	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1305	SW3050	SW6010	TJA	05-07-96	50
Magnesium	MG	F		0.0000	3	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1305	SW3050	SW6010	TJA	05-07-96	30
Manganese	MN	F		0.0000	0.2	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1305	SW3050	SW6010	TJA	05-07-96	2
Molybdenum	MO	F		0.0000	1	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1305	SW3050	SW6010	TJA	05-07-96	8
Nickel	NI	F		0.0000	1	6.80	PR	J	TR	MG/KG	06-May-96	0900	07-May-96	1305	SW3050	SW6010	TJA	05-07-96	15
Potassium	K	F		0.0000	100	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1305	SW3050	SW6010	TJA	05-07-96	500
Selenium	SE	F		0.0000	4	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1305	SW3050	SW6010	TJA	05-07-96	80
Silver	AG	F		0.0000	1	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1305	SW3050	SW6010	TJA	05-07-96	7
Sodium	NA	F		0.0000	5	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1305	SW3050	SW6010	TJA	05-07-96	30
Thallium	TL	F		0.0000	4	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1305	SW3050	SW6010	TJA	05-07-96	40
Vanadium	V	F		0.0000	0.8	9.92	PR	=		MG/KG	06-May-96	0900	07-May-96	1305	SW3050	SW6010	TJA	05-07-96	8
Zinc	ZN	F		0.0000	0.2	13.2	PR	=		MG/KG	06-May-96	0900	07-May-96	1305	SW3050	SW6010	TJA	05-07-96	2

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 110904
 Lab Sample ID: 96-0918-25
 Lab Batch No.: 1299/1302/08

Date Received: 03-May-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 89.7

431 432

Metals

Compound	Analyte Code	S	QC	Spike Level	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Antimony	SB	F		0.0000	0.1	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1044	SW3050	SW7041	PE	05-07-96	0.5
Arsenic	AS	F		0.0000	0.1	0.981	PR	-	=	MG/KG	06-May-96	0900	06-May-96	1253	SW3050	SW7060	PE	05-06-96	0.5
Cadmium	CD	F		0.0000	0.02	0.033	PR	J	TR	MG/KG	06-May-96	0900	07-May-96	1241	SW3050	SW7131	PE	05-07-96	0.1
Lead	PB	F		0.0000	0.1	6.24	PR	-	=	MG/KG	06-May-96	0900	06-May-96	1633	SW3050	SW7421	PE	05-06-96	0.5
Mercury	HG	F		0.0000	0.02	0	PR	U	ND	MG/KG	10-May-96	0900	10-May-96	1021	SW7471	SW7471	PE	05-10-96	0.1
Nickel	NI	F		0.0000	0.2	6.80	PR	-	=	MG/KG	06-May-96	0900	07-May-96	1305	SW3050	SW6010	TJA	05-07-96	1
Selenium	SE	F		0.0000	0.1	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	0904	SW3050	SW7740	PE	05-07-96	0.5
Silver	AG	F		0.0000	0.02	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1423	SW3050	SW7761	PE	05-07-96	0.1

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 110905
 Lab Sample ID: 96-0918-26
 Lab Batch No.: SVS83

Date Received: 03-May-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 88

431 433

SemiVolatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab MDL	Results	PV CC	Lab Q	Par Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acenaphthene	ACNP	F	0.0000		35	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
Acenaphthylene	ACNPY	F	0.0000		35	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
Anthracene	ANTH	F	0.0000		38	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
Benz(a)anthracene	BZAA	F	0.0000		26.1	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
Benz(a)pyrene	BZAP	F	0.0000		41.9	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
Benz(b)fluoranthene	BZBF	F	0.0000		33.3	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
Benz(g,h,i)perylene	BZGHIP	F	0.0000		54.8	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
Benz(k)fluoranthene	BZKF	F	0.0000		86.5	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
Benzoic acid	BZACID	F	0.0000		59.1	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	1650		
Benzyl alcohol	BZLAL	F	0.0000		47.9	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	660		
bis(2-Chloroethoxy)methane	BECEM	F	0.0000		43.6	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
bis(2-Chloroethyl)ether	BIS2CEE	F	0.0000		51.2	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
bis(2-Chloroisopropyl)ether	BIS2CIE	F	0.0000		55.8	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
bis(2-Ethylhexyl)phthalate	BIS2EHP	F	0.0000		92.4	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
4-Bromophenyl-phenyl ether	BPPE4	F	0.0000		33.3	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
Butylbenzylphthalate	BBP	F	0.0000		39.3	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
4-Chloro-3-methylphenol	C4M3PH	F	0.0000		48.8	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	660		
4-Chloroaniline	CLANIL4	F	0.0000		53.8	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	660		
2-Chlorophenoil	CLPH2	F	0.0000		57.1	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
4-Chlorophenyl-phenyl ether	CPPE4	F	0.0000		35.3	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
2-Chloronaphthalene	CNPH2	F	0.0000		29	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
Chrysene	CHRYSENE	F	0.0000		32	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
Di-n-butylphthalate	DNBP	F	0.0000		55.1	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
Di-n-octylphthalate	DOND	F	0.0000		57.1	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
Dibenzo(a,h)anthracene	DBZAHP	F	0.0000		50.2	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
Dibenzofuran	DBF	F	0.0000		37.3	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
1,2-Dichlorobenzene	DCBZ12	F	0.0000		51.5	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
1,3-Dichlorobenzene	DCBZ13	F	0.0000		52.1	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
1,4-Dichlorobenzene	DCBZ14	F	0.0000		52.8	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
3,3'-Dichlorobenzidine	DBZD33	F	0.0000		81.8	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	660		
2,4-Dichlorophenoil	DCP24	F	0.0000		52.8	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
Diethylphthalate	DEPH	F	0.0000		47.2	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
2,4-Dimethylphenol	DMP24	F	0.0000		43.9	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
Dimethylphthalate	DMPH	F	0.0000		36.6	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
2,6-Dinitrotoluene	DNT26	F	0.0000		36	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
2,4-Dinitrophenol	DNP24	F	0.0000		39.6	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	1650		
4,6-Dinitro-2-methylphenol	DN46M	F	0.0000		50.8	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	1650		
2,4-Dinitrotoluene	DNT24	F	0.0000		32.7	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
Fluoranthene	FLA	F	0.0000		40.6	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
Fluorene	FL	F	0.0000		35.3	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
Hexachlorobenzene	HCLBZ	F	0.0000		33	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
Hexachlorobutadiene	HCBU	F	0.0000		47.9	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
Hexachlorocyclopentadiene	HCCP	F	0.0000		61.4	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
Hexachloroethane	HCLEA	F	0.0000		46.2	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
Indeno(1,2,3-cd)pyrene	INP123	F	0.0000		54.5	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
Isophorone	ISOP	F	0.0000		47.9	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
2-Methylnaphthalene	MTNPH2	F	0.0000		48.2	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
2-Methylphenol	MEPH2	F	0.0000		52.8	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
4-Methylphenol	MEPH4	F	0.0000		54.8	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
N-Nitroso-di-n-propylamine	NNNSPR	F	0.0000		55.4	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
N-Nitrosodiphenylamine	NNSPH	F	0.0000		38	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
Naphthalene	NAPH	F	0.0000		39.9	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
2-Nitroaniline	NO2ANIL2	F	0.0000		38.3	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	1650		
4-Nitroaniline	NO2ANIL4	F	0.0000		73.6	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	1650		
3-Nitroaniline	NO2ANIL3	F	0.0000		43.9	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	1650		
Nitrobenzene	NO2BZ	F	0.0000		49.5	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
2-Nitrophenol	NTPH2	F	0.0000		46.5	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
4-Nitrophenol	NTPH4	F	0.0000		39.9	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	1650		
Pentachlorophenol	PCP	F	0.0000		53.1	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	1650		
Phenanthrene	PHAN	F	0.0000		29	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
Phenol	PHENOL	F	0.0000		30	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270	5972	03-19-96	330		
Pyrene	PYR	F	0.0000		43.9	0	PR U	ND	UG/KG	06-May-96	0900	06-May-96	2122	SW3550	SWB270					

Laboratory ID CERTES
Project No. 10K70200
Client ID CR-A 110906
Lab Sample ID 96-0918-27
Lab Batch No. S-0464

Date Received 03-May-96
Matrix/Basis S/D
Dilution Factor 1
Total Solids(%) 88

431 434

Total Petroleum Hydrocarbons

Compound	Analyte Code	S QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Anly	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	POL
TPH	PHC	F	0.0000	3.9	7.02	PR	J	TR	MG/KG	07-May-96	0900	07-May-96	1300	SW3550	E418.1	IR	05-07-96	10

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 110907
 Lab Sample ID 96-0918-28
 Lab Batch No. S-0464

Date Received	03-May-96
Matrix/Basis	S/D
Dilution Factor	1
Total Solids(%)	89.7

Total Petroleum Hydrocarbons

431 435

Compound	Analyte Code	S	QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
TPH	PHC	F		0.0000	3.9	16.0	PR		=	MG/KG	07-May-96	0900	07-May-96	1300	SW3550	E418.1	IR	05-07-96	10

Laboratory ID CERTES
 Project No. 10K70200
 Client ID LABQC
 Lab Sample ID 96-0918-00LB1
 Lab Batch No. PSTL-0022

Date Received 09-May-96
 Matrix/Basis W/X
 Dilution Factor 1
 Total Solids(%) N/A

431 436

Chemicals

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F	LB1	0.0000			0.02	0	PR U	ND	UG/L	09-May-96	1400	16-May-96	1138	SW3510	SW8080	GC2	03-12-96	0.04	
Alpha-BHC	BHCALPHA	F	LB1	0.0000			0.01	0	PR U	ND	UG/L	09-May-96	1400	16-May-96	1138	SW3510	SW8080	GC2	03-12-96	0.03	
Beta-BHC	BHCBETA	F	LB1	0.0000			0.02	0	PR U	ND	UG/L	09-May-96	1400	16-May-96	1138	SW3510	SW8080	GC2	03-12-96	0.06	
Delta-BHC	BHCDELTA	F	LB1	0.0000			0.02	0	PR U	ND	UG/L	09-May-96	1400	16-May-96	1138	SW3510	SW8080	GC2	03-12-96	0.09	
Gamma-BHC (Lindane)	BHCGAMMA	F	LB1	0.0000			0.01	0	PR U	ND	UG/L	09-May-96	1400	16-May-96	1138	SW3510	SW8080	GC2	03-12-96	0.04	
Chlordane	CHLORDANE	F	LB1	0.0000			0.14	0	PR U	ND	UG/L	09-May-96	1400	16-May-96	1138	SW3510	SW8080	GC2	03-12-96	0.14	
4,4'-DDD	DDD44	F	LB1	0.0000			0.02	0	PR U	ND	UG/L	09-May-96	1400	16-May-96	1138	SW3510	SW8080	GC2	03-12-96	0.11	
4,4'-DDE	DDE44	F	LB1	0.0000			0.02	0	PR U	ND	UG/L	09-May-96	1400	16-May-96	1138	SW3510	SW8080	GC2	03-12-96	0.04	
4,4'-DDT	DDT44	F	LB1	0.0000			0.02	0	PR U	ND	UG/L	09-May-96	1400	16-May-96	1138	SW3510	SW8080	GC2	03-12-96	0.12	
Dieldrin	OIELDRIN	F	LB1	0.0000			0.01	0	PR U	ND	UG/L	09-May-96	1400	16-May-96	1138	SW3510	SW8080	GC2	03-12-96	0.02	
Endosulfan I	ENDDSULFANA	F	LB1	0.0000			0.01	0	PR U	ND	UG/L	09-May-96	1400	16-May-96	1138	SW3510	SW8080	GC2	03-12-96	0.14	
Endosulfan II	ENDDSULFANB	F	LB1	0.0000			0.01	0	PR U	ND	UG/L	09-May-96	1400	16-May-96	1138	SW3510	SW8080	GC2	03-12-96	0.04	
Endosulfan sulfate	ENDDSULFANS	F	LB1	0.0000			0.01	0	PR U	ND	UG/L	09-May-96	1400	16-May-96	1138	SW3510	SW8080	GC2	03-12-96	0.66	
Endrin	ENDRIN	F	LB1	0.0000			0.01	0	PR U	ND	UG/L	09-May-96	1400	16-May-96	1138	SW3510	SW8080	GC2	03-12-96	0.06	
Endrin aldehyde	ENDRINALD	F	LB1	0.0000			0.01	0	PR U	ND	UG/L	09-May-96	1400	16-May-96	1138	SW3510	SW8080	GC2	03-12-96	0.23	
Heptachlor	HEPTACHLOR	F	LB1	0.0000			0.01	0	PR U	ND	UG/L	09-May-96	1400	16-May-96	1138	SW3510	SW8080	GC2	03-12-96	0.03	
Heptachlor epoxide	HEPT-EPOX	F	LB1	0.0000			0.04	0	PR U	ND	UG/L	09-May-96	1400	16-May-96	1138	SW3510	SW8080	GC2	03-12-96	0.83	
Methoxychlor	MTXYCL	F	LB1	0.0000			0.06	0	PR U	ND	UG/L	09-May-96	1400	16-May-96	1138	SW3510	SW8080	GC2	03-12-96	1.76	
Toxaphene	TOXAP	F	LB1	0.0000			0.1	0	PR U	ND	UG/L	09-May-96	1400	16-May-96	1138	SW3510	SW8080	GC2	03-12-96	2.4	
Decachlorobiphenyl (SS)	CL108Z2	T	LB1	100	60	150		108	PR	%	UG/L	09-May-96	1400	16-May-96	1138	SW3510	SW8080	GC2	03-12-96		
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	LB1	100	60	150		95	PR	%	UG/L	09-May-96	1400	16-May-96	1138	SW3510	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID LABOC
 Lab Sample ID 96-0918-00BS1
 Lab Batch No. PSTL-0022

Date Received 09-May-96
 Matrix/Basis W/X
 Dilution Factor 1
 Total Solids(%) N/A

431 437

Pesticides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	Inst CAL	PQL
Aldrin	ALDRIN	F	BS1	0.5000	42	122	25	0.02	0.402	PR	=	UG/L	09-May-96	1400	09-May-96	1745	SW3510	SW8080	GC2	03-12-96	0.04	
Alpha-BHC	BHCALPHA	F	BS1	0.5000	37	134	25	0.01	0.345	PR	=	UG/L	09-May-96	1400	09-May-96	1745	SW3510	SW8080	GC2	03-12-96	0.03	
Beta-BHC	BHCBETA	F	BS1	0.5000	17	147	25	0.02	0.421	PR	=	UG/L	09-May-96	1400	09-May-96	1745	SW3510	SW8080	GC2	03-12-96	0.06	
Delta-BHC	BHCDELTA	F	BS1	0.5000	19	140	25	0.02	0.062	PR	J	UG/L	09-May-96	1400	09-May-96	1745	SW3510	SW8080	GC2	03-12-96	0.09	
Gamma-BHC (Lindane)	BHCGAMMA	F	BS1	0.5000	32	127	25	0.01	0.354	PR	=	UG/L	09-May-96	1400	09-May-96	1745	SW3510	SW8080	GC2	03-12-96	0.04	
Chlordane	CHLOROANE	F	BS1	0.0000				0.14	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	1745	SW3510	SW8080	GC2	03-12-96	0.14
4,4'-DDD	DDD44	F	BS1	0.5000	31	141	25	0.02	0.371	PR	=	UG/L	09-May-96	1400	09-May-96	1745	SW3510	SW8080	GC2	03-12-96	0.11	
4,4'-DDE	DDE44	F	BS1	0.5000	30	145	25	0.02	0.363	PR	=	UG/L	09-May-96	1400	09-May-96	1745	SW3510	SW8080	GC2	03-12-96	0.04	
4,4'-DDT	DDT44	F	BS1	0.5000	25	160	25	0.02	0.332	PR	=	UG/L	09-May-96	1400	09-May-96	1745	SW3510	SW8080	GC2	03-12-96	0.12	
Dieldrin	DIELDRIN	F	BS1	0.5000	36	146	25	0.01	0.41	PR	=	UG/L	09-May-96	1400	09-May-96	1745	SW3510	SW8080	GC2	03-12-96	0.02	
Endosulfan I	ENDOSULFANA	F	BS1	0.5000	45	153	25	0.01	0.408	PR	=	UG/L	09-May-96	1400	09-May-96	1745	SW3510	SW8080	GC2	03-12-96	0.14	
Endosulfan II	ENDOSULFANB	F	BS1	0.5000	1	202	25	0.01	0.341	PR	=	UG/L	09-May-96	1400	09-May-96	1745	SW3510	SW8080	GC2	03-12-96	0.04	
Endosulfan sulfate	ENDOSULFANS	F	BS1	0.5000	26	144	25	0.01	0.247	PR	J	TR	UG/L	09-May-96	1400	09-May-96	1745	SW3510	SW8080	GC2	03-12-96	0.66
Endrin	ENDRIN	F	BS1	0.5000	30	147	25	0.01	0.359	PR	=	UG/L	09-May-96	1400	09-May-96	1745	SW3510	SW8080	GC2	03-12-96	0.06	
Endrin aldehyde	ENDRINALO	F	BS1	0.5000	60	140	25	0.01	0.37	PR	=	UG/L	09-May-96	1400	09-May-96	1745	SW3510	SW8080	GC2	03-12-96	0.23	
Heptachlor	HEPTACHLOR	F	BS1	0.5000	34	111	25	0.01	0.384	PR	=	UG/L	09-May-96	1400	09-May-96	1745	SW3510	SW8080	GC2	03-12-96	0.03	
Heptachlor epoxide	HEPT-EPOX	F	BS1	0.5000	37	142	25	0.04	0.412	PR	J	TR	UG/L	09-May-96	1400	09-May-96	1745	SW3510	SW8080	GC2	03-12-96	0.83
Methoxychlor	MTXYCL	F	BS1	0.5000	60	140	25	0.06	0.4	PR	J	TR	UG/L	09-May-96	1400	09-May-96	1745	SW3510	SW8080	GC2	03-12-96	1.76
Toxaphene	TOXAP	F	BS1	0.0000				0.1	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	1745	SW3510	SW8080	GC2	03-12-96	2.4
Decachlorobiphenyl (SS)	CL10BZ2	T	BS1	100	60	150			127	PR	%	UG/L	09-May-96	1400	09-May-96	1745	SW3510	SW8080	GC2	03-12-96		
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	BS1	100	60	150			79.8	PR	%	UG/L	09-May-96	1400	09-May-96	1745	SW3510	SW8080	GC2	03-12-96		

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID LABQC
 Lab Sample ID 96-0918-00BD1
 1st Batch No. PSTL-0022

Date Received 09-May-96
 Matrix/Basis W/X
 Dilution Factor 1
 Total Solids(%) N/A

431 438

cides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F	BD1	0.5000	42	122	25	0.02	0.421	PR	=	UG/L	09-May-96	1400	09-May-96	1824	SW3510	SW8080	GC2	03-12-96	0.04	
Alpha-BHC	BHCALPHA	F	BD1	0.5000	37	134	25	0.01	0.347	PR	=	UG/L	09-May-96	1400	09-May-96	1824	SW3510	SW8080	GC2	03-12-96	0.03	
Beta-BHC	BHCBETA	F	BD1	0.5000	17	147	25	0.02	0.412	PR	=	UG/L	09-May-96	1400	09-May-96	1824	SW3510	SW8080	GC2	03-12-96	0.06	
Delta-BHC	BHCDELTA	F	BD1	0.5000	19	140	25	0.02	0.054	PR	J	UG/L	09-May-96	1400	09-May-96	1824	SW3510	SW8080	GC2	03-12-96	0.09	
Gamma-BHC (Lindane)	BHCGAMMA	F	BD1	0.5000	32	127	25	0.01	0.369	PR	=	UG/L	09-May-96	1400	09-May-96	1824	SW3510	SW8080	GC2	03-12-96	0.04	
Chlordane	CHLORDANE	F	BD1	0.0000				0.14	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	1824	SW3510	SW8080	GC2	03-12-96	0.14
4,4'-DDD	DDD44	F	BD1	0.5000	31	141	25	0.02	0.376	PR	=	UG/L	09-May-96	1400	09-May-96	1824	SW3510	SW8080	GC2	03-12-96	0.11	
1,4'-DDE	DDE44	F	BD1	0.5000	30	145	25	0.02	0.401	PR	=	UG/L	09-May-96	1400	09-May-96	1824	SW3510	SW8080	GC2	03-12-96	0.04	
4,4'-DDT	DDT44	F	BD1	0.5000	25	160	25	0.02	0.357	PR	=	UG/L	09-May-96	1400	09-May-96	1824	SW3510	SW8080	GC2	03-12-96	0.12	
Dieldrin	IELDRIN	F	BD1	0.5000	36	146	25	0.01	0.427	PR	=	UG/L	09-May-96	1400	09-May-96	1824	SW3510	SW8080	GC2	03-12-96	0.02	
Endosulfan I	ENDOSULFAN	F	BD1	0.5000	45	153	25	0.01	0.421	PR	=	UG/L	09-May-96	1400	09-May-96	1824	SW3510	SW8080	GC2	03-12-96	0.14	
Endosulfan II	ENDOSULFANB	F	BD1	0.5000	1	202	25	0.01	0.366	PR	=	UG/L	09-May-96	1400	09-May-96	1824	SW3510	SW8080	GC2	03-12-96	0.04	
Endosulfan sulfate	ENDOSULFANS	F	BD1	0.5000	26	144	25	0.01	0.265	PR	J	TR	UG/L	09-May-96	1400	09-May-96	1824	SW3510	SW8080	GC2	03-12-96	0.66
Endrin	ENDRIN	F	BD1	0.5000	30	147	25	0.01	0.371	PR	=	UG/L	09-May-96	1400	09-May-96	1824	SW3510	SW8080	GC2	03-12-96	0.06	
Endrin aldehyde	ENDRINALD	F	BD1	0.5000	60	140	25	0.01	0.378	PR	=	UG/L	09-May-96	1400	09-May-96	1824	SW3510	SW8080	GC2	03-12-96	0.23	
Heptachlor	HEPTACHLOR	F	BD1	0.5000	34	111	25	0.01	0.405	PR	=	UG/L	09-May-96	1400	09-May-96	1824	SW3510	SW8080	GC2	03-12-96	0.03	
Heptachlor epoxide	HEPT-EPOX	F	BD1	0.5000	37	142	25	0.04	0.424	PR	J	TR	UG/L	09-May-96	1400	09-May-96	1824	SW3510	SW8080	GC2	03-12-96	0.83
Methoxychlor	MTXYCL	F	BD1	0.5000	60	140	25	0.06	0.402	PR	J	TR	UG/L	09-May-96	1400	09-May-96	1824	SW3510	SW8080	GC2	03-12-96	1.76
Toxaphene	TOXAP	F	BD1	0.0000				0.1	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	1824	SW3510	SW8080	GC2	03-12-96	2.4
Decachlorobiphenyl (SS)	CL10BZ2	T	BD1	100	60	150			117	PR	%	UG/L	09-May-96	1400	09-May-96	1824	SW3510	SW8080	GC2	03-12-96		
1,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	BD1	100	60	150			86	PR	%	UG/L	09-May-96	1400	09-May-96	1824	SW3510	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID LABQC
 Lab Sample ID 96-0918-00BD2
 Lab Batch No. PSTL-0022

Date Received 09-May-96
 Matrix/Basis W/X
 Dilution Factor 1
 Total Solids(%) N/A

431 439

Pesticides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F	BD2	0.5000	42	122	25	0.02	0.438	PR	=	UG/L	09-May-96	1400	09-May-96	1908	SW3510	SW8080	GC2	03-12-96	0.04	
Alpha-BHC	BHCALPHA	F	BD2	0.5000	37	134	25	0.01	0.38	PR	=	UG/L	09-May-96	1400	09-May-96	1908	SW3510	SW8080	GC2	03-12-96	0.03	
Beta-BHC	BHCBETA	F	BD2	0.5000	17	147	25	0.02	0.469	PR	=	UG/L	09-May-96	1400	09-May-96	1908	SW3510	SW8080	GC2	03-12-96	0.06	
Delta-BHC	BHCDELTA	F	BD2	0.5000	19	140	25	0.02	0.068	PR	J	TR	UG/L	09-May-96	1400	09-May-96	1908	SW3510	SW8080	GC2	03-12-96	0.09
Gamma-BHC (Lindane)	BHCGAMMA	F	BD2	0.5000	32	127	25	0.01	0.394	PR	=	UG/L	09-May-96	1400	09-May-96	1908	SW3510	SW8080	GC2	03-12-96	0.04	
Chlordane	CHLORDANE	F	BD2	0.0000				0.14	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	1908	SW3510	SW8080	GC2	03-12-96	0.14
4,4'-DDD	DDD44	F	BD2	0.5000	31	141	25	0.02	0.403	PR	=	UG/L	09-May-96	1400	09-May-96	1908	SW3510	SW8080	GC2	03-12-96	0.11	
4,4'-DDE	DDE44	F	BD2	0.5000	30	145	25	0.02	0.441	PR	=	UG/L	09-May-96	1400	09-May-96	1908	SW3510	SW8080	GC2	03-12-96	0.04	
4,4'-DDT	DDT44	F	BD2	0.5000	25	160	25	0.02	0.376	PR	=	UG/L	09-May-96	1400	09-May-96	1908	SW3510	SW8080	GC2	03-12-96	0.12	
Dieldrin	DIELDRIN	F	BD2	0.5000	36	146	25	0.01	0.458	PR	=	UG/L	09-May-96	1400	09-May-96	1908	SW3510	SW8080	GC2	03-12-96	0.02	
Endosulfan I	ENDOSULFANA	F	BD2	0.5000	45	153	25	0.01	0.449	PR	=	UG/L	09-May-96	1400	09-May-96	1908	SW3510	SW8080	GC2	03-12-96	0.14	
Endosulfan II	ENDOSULFANB	F	BD2	0.5000	1	202	25	0.01	0.404	PR	=	UG/L	09-May-96	1400	09-May-96	1908	SW3510	SW8080	GC2	03-12-96	0.04	
Endosulfan sulfate	ENDOSULFANS	F	BD2	0.5000	26	144	25	0.01	0.284	PR	J	TR	UG/L	09-May-96	1400	09-May-96	1908	SW3510	SW8080	GC2	03-12-96	0.66
Endrin	ENDRIN	F	BD2	0.5000	30	147	25	0.01	0.4	PR	=	UG/L	09-May-96	1400	09-May-96	1908	SW3510	SW8080	GC2	03-12-96	0.06	
Endrin aldehyde	ENDRINALD	F	BD2	0.5000	60	140	25	0.01	0.402	PR	=	UG/L	09-May-96	1400	09-May-96	1908	SW3510	SW8080	GC2	03-12-96	0.23	
Heptachlor	HEPTACHLOR	F	BD2	0.5000	34	111	25	0.01	0.427	PR	=	UG/L	09-May-96	1400	09-May-96	1908	SW3510	SW8080	GC2	03-12-96	0.03	
Heptachlor epoxide	HEPT-EPOX	F	BD2	0.5000	37	142	25	0.04	0.453	PR	J	TR	UG/L	09-May-96	1400	09-May-96	1908	SW3510	SW8080	GC2	03-12-96	0.83
Methoxychlor	MTXYCL	F	BD2	0.5000	60	140	25	0.06	0.456	PR	J	TR	UG/L	09-May-96	1400	09-May-96	1908	SW3510	SW8080	GC2	03-12-96	1.76
Toxaphene	TOXAP	F	BD2	0.0000				0.1	0	PR	U	ND	UG/L	09-May-96	1400	09-May-96	1908	SW3510	SW8080	GC2	03-12-96	2.4
Decachlorobiphenyl (SS)	CL10BZ2	T	BD2	100	60	150			129	PR	%	UG/L	09-May-96	1400	09-May-96	1908	SW3510	SW8080	GC2	03-12-96		
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	BD2	100	60	150			94	PR	%	UG/L	09-May-96	1400	09-May-96	1908	SW3510	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: LABCQ
 ab Sample ID: 96-0918-00LB2
 ab Batch No.: PSTS-0021

Date Received: 09-May-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 100

431 440

oides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F	LB2	0.0000			1E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1220	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F	LB2	0.0000			2E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1220	SW3550	SW8080	GC2	03-12-96	0.002
beta-BHC	BHCBETA	F	LB2	0.0000			3E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1220	SW3550	SW8080	GC2	03-12-96	0.004
gamma-BHC	BHCGAMMA	F	LB2	0.0000			4E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1220	SW3550	SW8080	GC2	03-12-96	0.006
gamma-BHC (Lindane)	CHLORDANE	F	LB2	0.0000			0.005	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1220	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	DDD44	F	LB2	0.0000			0.002	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1220	SW3550	SW8080	GC2	03-12-96	0.007
4,4'-DDD	DDE44	F	LB2	0.0000			2E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1220	SW3550	SW8080	GC2	03-12-96	0.003
4'-DDE	DDT44	F	LB2	0.0000			5E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1220	SW3550	SW8080	GC2	03-12-96	0.008
4'-DDT	DIELDRIN	F	LB2	0.0000			1E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1220	SW3550	SW8080	GC2	03-12-96	0.001
Heptachlor	ENDOSULFANA	F	LB2	0.0000			2E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1220	SW3550	SW8080	GC2	03-12-96	0.009
Heptachlor epoxide	ENDOSULFANB	F	LB2	0.0000			0.002	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1220	SW3550	SW8080	GC2	03-12-96	0.003
Tetraethylchlor	ENDOSULFANS	F	LB2	0.0000			1E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1220	SW3550	SW8080	GC2	03-12-96	0.04
Heptachlor aldehyde	ENDRIN	F	LB2	0.0000			1E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1220	SW3550	SW8080	GC2	03-12-96	0.004
Heptachlor epoxide	ENDRINALD	F	LB2	0.0000			0.002	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1220	SW3550	SW8080	GC2	03-12-96	0.02
Tetraethylchlor	HEPTACHLOR	F	LB2	0.0000			4E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1220	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor epoxide	HEPT-EPOX	F	LB2	0.0000			2E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1220	SW3550	SW8080	GC2	03-12-96	0.006
Tetraethylchlor	MTXYCL	F	LB2	0.0000			9E-04	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1220	SW3550	SW8080	GC2	03-12-96	0.1
Heptachlor epoxide	TOXAP	F	LB2	0.0000			0.005	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1220	SW3550	SW8080	GC2	03-12-96	0.2
Heptachlorobiphenyl (SS)	CL10BZ2	T	LB2	100	60	150		126	PR	%	MG/KG	09-May-96	0930	09-May-96	1220	SW3550	SW8080	GC2	03-12-96		
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	LB2	100	60	150		105	PR	%	MG/KG	09-May-96	0930	09-May-96	1220	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID LABOC
 Lab Sample ID 96-0918-00BS2
 Lab Batch No. PSTS-0021

Date Received 09-May-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 100

431 441

Pesticides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F	BS2	0.0170	42	122	25	1E-04	14.5	PR	=	MG/KG	09-May-96	0930	09-May-96	1304	SW3550	SW8080	GC2	03-12-96	0.003	
Alpha-BHC	BHCALPHA	F	BS2	0.0170	37	134	25	2E-04	11.7	PR	=	MG/KG	09-May-96	0930	09-May-96	1304	SW3550	SW8080	GC2	03-12-96	0.002	
Beta-BHC	BHCBETA	F	BS2	0.0170	17	147	25	3E-04	13.4	PR	=	MG/KG	09-May-96	0930	09-May-96	1304	SW3550	SW8080	GC2	03-12-96	0.004	
Delta-BHC	BHCDELTA	F	BS2	0.0170	19	140	25	4E-04	2.23	PR	=	MG/KG	09-May-96	0930	09-May-96	1304	SW3550	SW8080	GC2	03-12-96	0.006	
Gamma-BHC (Lindane)	BHCGAMMA	F	BS2	0.0170	32	127	25	1E-04	12.6	PR	=	MG/KG	09-May-96	0930	09-May-96	1304	SW3550	SW8080	GC2	03-12-96	0.003	
Chlordane	CHLORDANE	F	BS2	0.0000					0.005 0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1304	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F	BS2	0.0170	31	141	25	0.002	11.3	PR	=	MG/KG	09-May-96	0930	09-May-96	1304	SW3550	SW8080	GC2	03-12-96	0.007	
4,4'-DDE	DDE44	F	BS2	0.0170	30	145	25	2E-04	12.8	PR	=	MG/KG	09-May-96	0930	09-May-96	1304	SW3550	SW8080	GC2	03-12-96	0.003	
4,4'-DDT	DDT44	F	BS2	0.0170	25	160	25	5E-04	11.0	PR	=	MG/KG	09-May-96	0930	09-May-96	1304	SW3550	SW8080	GC2	03-12-96	0.007	
Dieldrin	DIELDRIN	F	BS2	0.0170	36	146	25	1E-04	14.0	PR	=	MG/KG	09-May-96	0930	09-May-96	1304	SW3550	SW8080	GC2	03-12-96	0.001	
Endosulfan I	ENDOSULFANA	F	BS2	0.0170	45	153	25	2E-04	13.5	PR	=	MG/KG	09-May-96	0930	09-May-96	1304	SW3550	SW8080	GC2	03-12-96	0.009	
Endosulfan II	ENDOSULFANB	F	BS2	0.0170	1	202	25	0.002	12.2	PR	=	MG/KG	09-May-96	0930	09-May-96	1304	SW3550	SW8080	GC2	03-12-96	0.003	
Endosulfan sulfate	ENDOSULFANS	F	BS2	0.0170	26	144	25	1E-04	7.79	PR	=	MG/KG	09-May-96	0930	09-May-96	1304	SW3550	SW8080	GC2	03-12-96	0.04	
Endrin	ENDRIN	F	BS2	0.0170	30	147	25	1E-04	11.7	PR	=	MG/KG	09-May-96	0930	09-May-96	1304	SW3550	SW8080	GC2	03-12-96	0.004	
Endrin aldehyde	ENDRINALD	F	BS2	0.0170	60	140	25	0.002	11.8	PR	=	MG/KG	09-May-96	0930	09-May-96	1304	SW3550	SW8080	GC2	03-12-96	0.02	
Heptachlor	HEPTACHLOR	F	BS2	0.0170	34	111	25	4E-04	13.5	PR	=	MG/KG	09-May-96	0930	09-May-96	1304	SW3550	SW8080	GC2	03-12-96	0.002	
Heptachlor epoxide	HEPT-EPOX	F	BS2	0.0170	37	142	25	2E-04	14	PR	=	MG/KG	09-May-96	0930	09-May-96	1304	SW3550	SW8080	GC2	03-12-96	0.06	
Methoxychlor	MTXYCL	F	BS2	0.0170	60	140	25	9E-04	11.9	PR	=	MG/KG	09-May-96	0930	09-May-96	1304	SW3550	SW8080	GC2	03-12-96	0.1	
Toxaphene	TOXAP	F	BS2	0.0000				0.005 0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1304	SW3550	SW8080	GC2	03-12-96	0.2	
Decachlorobiphenyl (SS)	CL10BZ2	T	BS2	100	60	150			118	PR	%	MG/KG	09-May-96	0930	09-May-96	1304	SW3550	SW8080	GC2	03-12-96		
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	BS2	100	60	150		95	PR	%	MG/KG	09-May-96	0930	09-May-96	1304	SW3550	SW8080	GC2	03-12-96			

Chase A. Thibodaux
Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 111202
 Lab Sample ID: 96-0918-02MS1
 Lab Batch No.: PSTS-0021

Date Received: 03-May-96
 Matrix/Basis: SD
 Dilution Factor: 1
 Total Solids(%): 68.9

431 442

oides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Per Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aldrin	ALDRIN	F	MS1	0.0170	42	122	25	1E-04	18.5	PR	=	MG/KG	09-May-96	0930	09-May-96	1421	SW3550	SW8080	GC2	03-12-96	0.003	
Alpha-BHC	BHCALPHA	F	MS1	0.0170	37	134	25	2E-04	15.3	PR	=	MG/KG	09-May-96	0930	09-May-96	1421	SW3550	SW8080	GC2	03-12-96	0.002	
Teta-BHC	BHCBETA	F	MS1	0.0170	17	147	25	3E-04	17.7	PR	=	MG/KG	09-May-96	0930	09-May-96	1421	SW3550	SW8080	GC2	03-12-96	0.004	
Delta-BHC	BHCDELTA	F	MS1	0.0170	19	140	25	4E-04	2.53	PR	=	MG/KG	09-May-96	0930	09-May-96	1421	SW3550	SW8080	GC2	03-12-96	0.006	
Gamma-BHC (Lindane)	BHCGAMMA	F	MS1	0.0170	32	127	25	1E-04	18.1	PR	=	MG/KG	09-May-96	0930	09-May-96	1421	SW3550	SW8080	GC2	03-12-96	0.003	
Chlordane	CHLORDANE	F	MS1	0.0000				0.005	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1421	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F	MS1	0.0170	31	141	25	0.002	17.1	PR	=	MG/KG	09-May-96	0930	09-May-96	1421	SW3550	SW8080	GC2	03-12-96	0.007	
4,4'-DDE	DDE44	F	MS1	0.0170	30	145	25	2E-04	18.0	PR	=	MG/KG	09-May-96	0930	09-May-96	1421	SW3550	SW8080	GC2	03-12-96	0.003	
4,4'-DDT	DDT44	F	MS1	0.0170	25	160	25	5E-04	16.2	PR	=	MG/KG	09-May-96	0930	09-May-96	1421	SW3550	SW8080	GC2	03-12-96	0.008	
Dieldrin	FIELDRIN	F	MS1	0.0170	36	146	25	1E-04	18.1	PR	=	MG/KG	09-May-96	0930	09-May-96	1421	SW3550	SW8080	GC2	03-12-96	0.001	
Endosulfan I	ENDOSULFANA	F	MS1	0.0170	45	153	25	2E-04	20.4	PR	=	MG/KG	09-May-96	0930	09-May-96	1421	SW3550	SW8080	GC2	03-12-96	0.009	
Endosulfan II	ENDOSULFANB	F	MS1	0.0170	1	202	25	0.002	16.2	PR	=	MG/KG	09-May-96	0930	09-May-96	1421	SW3550	SW8080	GC2	03-12-96	0.003	
Endosulfan sulfate	ENDOSULFANS	F	MS1	0.0170	26	144	25	1E-04	11.1	PR	=	MG/KG	09-May-96	0930	09-May-96	1421	SW3550	SW8080	GC2	03-12-96	0.04	
Endrin	ENDRIN	F	MS1	0.0170	30	147	25	1E-04	16.6	PR	=	MG/KG	09-May-96	0930	09-May-96	1421	SW3550	SW8080	GC2	03-12-96	0.004	
Endrin aldehyde	ENDRINALD	F	MS1	0.0170	60	140	25	0.002	15.5	PR	=	MG/KG	09-May-96	0930	09-May-96	1421	SW3550	SW8080	GC2	03-12-96	0.02	
Heptachlor	HEPTACHLOR	F	MS1	0.0170	34	111	25	4E-04	17.4	PR	=	MG/KG	09-May-96	0930	09-May-96	1421	SW3550	SW8080	GC2	03-12-96	0.002	
Heptachlor epoxide	HEPT-EPOX	F	MS1	0.0170	37	142	25	2E-04	19.0	PR	=	MG/KG	09-May-96	0930	09-May-96	1421	SW3550	SW8080	GC2	03-12-96	0.06	
Methoxychlor	MTXYCL	F	MS1	0.0170	60	140	25	9E-04	17.8	PR	=	MG/KG	09-May-96	0930	09-May-96	1421	SW3550	SW8080	GC2	03-12-96	0.1	
Toxaphene	TOXAP	F	MS1	0.0000				0.005	0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1421	SW3550	SW8080	GC2	03-12-96	0.2
Decachlorobiphenyl (SS)	CL10BZ2	T	MS1	100	60	150			140	PR	%	MG/KG	09-May-96	0930	09-May-96	1421	SW3550	SW8080	GC2	03-12-96		
4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	MS1	100	60	150			101	PR	%	MG/KG	09-May-96	0930	09-May-96	1421	SW3550	SW8080	GC2	03-12-96		

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 111202
 Lab Sample ID 96-0918-02SD1
 Lab Batch No. PSTS-0021

Date Received 03-May-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 88.9

431 443

Pesticides

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	inst ID	CAL	PQL
Aldrin	ALDRIN	F	SD1	0.0170	42	122	25	1E-04	17.5	PR	=	=	MG/KG	09-May-96	0930	09-May-96	1433	SW3550	SW8080	GC2	03-12-96	0.003
Alpha-BHC	BHCALPHA	F	SD1	0.0170	37	134	25	2E-04	14.2	PR	=	=	MG/KG	09-May-96	0930	09-May-96	1433	SW3550	SW8080	GC2	03-12-96	0.002
Beta-BHC	BHCBETA	F	SD1	0.0170	17	147	25	3E-04	15.4	PR	=	=	MG/KG	09-May-96	0930	09-May-96	1433	SW3550	SW8080	GC2	03-12-96	0.004
Delta-BHC	BHCDELTA	F	SD1	0.0170	19	140	25	4E-04	2.61	PR	=	=	MG/KG	09-May-96	0930	09-May-96	1433	SW3550	SW8080	GC2	03-12-96	0.005
Gamma-BHC (Lindane)	BHCGAMMA	F	SD1	0.0170	32	127	25	1E-04	15.3	PR	=	=	MG/KG	09-May-96	0930	09-May-96	1433	SW3550	SW8080	GC2	03-12-96	0.003
Chlordane	CHLORDANE	F	SD1	0.0000					0.005 0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1433	SW3550	SW8080	GC2	03-12-96	0.009
4,4'-DDD	DDD44	F	SD1	0.0170	31	141	25	0.002	17.6	PR	=	=	MG/KG	09-May-96	0930	09-May-96	1433	SW3550	SW8080	GC2	03-12-96	0.003
4,4'-DDE	DDE44	F	SD1	0.0170	30	145	25	2E-04	18.7	PR	=	=	MG/KG	09-May-96	0930	09-May-96	1433	SW3550	SW8080	GC2	03-12-96	0.006
4,4'-DDT	DDT44	F	SD1	0.0170	25	160	25	5E-04	14.9	PR	=	=	MG/KG	09-May-96	0930	09-May-96	1433	SW3550	SW8080	GC2	03-12-96	0.001
Dieldrin	DIELDRIN	F	SD1	0.0170	36	146	25	1E-04	17.9	PR	=	=	MG/KG	09-May-96	0930	09-May-96	1433	SW3550	SW8080	GC2	03-12-96	0.009
Endosulfan I	ENDOSULFANA	F	SD1	0.0170	45	153	25	2E-04	21.2	PR	=	=	MG/KG	09-May-96	0930	09-May-96	1433	SW3550	SW8080	GC2	03-12-96	0.003
Endosulfan II	ENDOSULFANB	F	SD1	0.0170	1	202	25	0.002	15.5	PR	=	=	MG/KG	09-May-96	0930	09-May-96	1433	SW3550	SW8080	GC2	03-12-96	0.04
Endosulfan sulfate	ENDOSULFANS	F	SD1	0.0170	26	144	25	1E-04	10.9	PR	=	=	MG/KG	09-May-96	0930	09-May-96	1433	SW3550	SW8080	GC2	03-12-96	0.004
Endrin	ENDRIN	F	SD1	0.0170	30	147	25	1E-04	16.9	PR	=	=	MG/KG	09-May-96	0930	09-May-96	1433	SW3550	SW8080	GC2	03-12-96	0.02
Endrin aldehyde	ENDRINALD	F	SD1	0.0170	60	140	25	0.002	16.6	PR	=	=	MG/KG	09-May-96	0930	09-May-96	1433	SW3550	SW8080	GC2	03-12-96	0.002
Heptachlor	HEPTACHLOR	F	SD1	0.0170	34	111	25	4E-04	16.6	PR	=	=	MG/KG	09-May-96	0930	09-May-96	1433	SW3550	SW8080	GC2	03-12-96	0.06
Heptachlor epoxide	HEPT-EPOX	F	SD1	0.0170	37	142	25	2E-04	18.1	PR	=	=	MG/KG	09-May-96	0930	09-May-96	1433	SW3550	SW8080	GC2	03-12-96	0.1
Methoxychlor	MTXYCL	F	SD1	0.0170	60	140	25	9E-04	16.3	PR	=	=	MG/KG	09-May-96	0930	09-May-96	1433	SW3550	SW8080	GC2	03-12-96	0.21
Toxaphene	TOXAP	F	SD1	0.0000				0.005 0	PR	U	ND	MG/KG	09-May-96	0930	09-May-96	1433	SW3550	SW8080	GC2	03-12-96		
Decachlorobiphenyl (SS)	CL10BZ2	T	SD1	100	60	150			129	PR	%	%	MG/KG	09-May-96	0930	09-May-96	1433	SW3550	SW8080	GC2	03-12-96	
2,4,5,6-Tetrachloro-m-xylene (SS)	XYL2456CLM	T	SD1	100	60	150			82.8	PR	%	%	MG/KG	09-May-96	0930	09-May-96	1433	SW3550	SW8080	GC2	03-12-96	

Chase A. Thibodaux
Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: LABQC
 Lab Sample ID: 96-0918-00LB1
 Lab Batch No.: 96W29

Date Received: 03-May-96
 Matrix/Basis: W/X
 Dilution Factor: 1
 Total Solids(%): N/A

File Organic Compounds

431 444

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	Inst CAL	PQL
Acetone	ACE	F	LB1	0.0000			10	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	100
Benzene	BZ	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
Bromodichloromethane	BDCME	F	LB1	0.0000			2	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
Bromoform	TBME	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
Bromomethane	BRME	F	LB1	0.0000			2	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	10
2-Butanone	MEK	F	LB1	0.0000			6	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	50
Carbon disulfide	CDS	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
Carbon tetrachloride	CTCL	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
Chlorobenzene	CLBZ	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
Chlorodibromomethane	BDCME	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
Chloroethane	CLEA	F	LB1	0.0000			2	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	10
2-Chloroethyl vinyl ether	CEVETH	F	LB1	0.0000			5	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	10
Chloroform	TCLME	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
Chloromethane	CLME	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	10
1,1-Dichloroethane	DCA11	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
1,2-Dichloroethane	DCA12	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
1,1-Dichloroethene	DCE11	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
is-1, 2-Dichloroethene	DCE12C	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
trans-1, 2-Dichloroethene	DCE12T	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
1,2-Dichloropropane	DCPA12	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
cis-1, 3-Dichloropropene	DCP13C	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
cis-1, 3-Dichloropropene	DCP13T	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
Ethylbenzene	EBZ	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
1-Hexanone	HXO2	F	LB1	0.0000			6	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	50
Methylene chloride	MTLNCL	F	LB1	0.0000			3	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
4-Methyl-2-pentanone	MIBK	F	LB1	0.0000			5	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	50
Styrene	STY	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
1,2,2-Tetrachloroethane	PCA	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
Tetrachloroethene	PCE	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
Toluene	BZME	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
1,1,1-Trichloroethane	TCA111	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
Trichloroethane	TCA112	F	LB1	0.0000			2	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
oethene	TCE	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
Acetate	VA	F	LB1	0.0000			10	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	50
Vinyl chloride	VC	F	LB1	0.0000			2	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	10
Xylenes	XYLEMES	F	LB1	0.0000			1	0	PR	U	ND	UG/L	03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	5
bromofluoromethane (SS)	DBFM	T	LB1	100	76	114	93.6	PR	%	UG/L			03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	
oluene-d8 (SS)	BZMED8	T	LB1	100	88	110	103	PR	%	UG/L			03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	
bromofluorobenzene (SS)	BR4FBZ	T	LB1	100	86	115	81.7	PR	%	UG/L			03-May-96	1508	03-May-96	1528	SW5030	SW8240	5971	03-22-96	

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 155904
 Lab Sample ID 96-0898-13MS1
 Lab Batch No. 96W29

Date Received 30-Apr-96
 Matrix/Basis W/X
 Dilution Factor 1
 Total Solids(%) N/A

431 445

Volatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL	
Acetone	ACE	F	MS1	50.0000	10	200	25	10	52.0	PR	J	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SWB240	5971	03-22-96	100	
Benzene	BZ	F	MS1	50.0000	65	145	35	1	49.5	PR	=	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SWB240	5971	03-22-96	5	
Bromodichloromethane	BDCME	F	MS1	50.0000	35	155	32	2	54.5	PR	=	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SWB240	5971	03-22-96	5	
Bromoform	TBME	F	MS1	50.0000	45	169	27	1	62.5	PR	=	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SWB240	5971	03-22-96	10	
Bromomethane	BRME	F	MS1	50.0000	10	242	90	2	52.8	PR	=	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SWB240	5971	03-22-96	50	
2-Butanone	MEK	F	MS1	50.0000	50	150	25	6	54.9	PR	=	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SWB240	5971	03-22-96	5	
Carbon disulfide	CDS	F	MS1	50.0000	10	200	25	1	53.9	PR	=	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SWB240	5971	03-22-96	5	
Carbon tetrachloride	CTCL	F	MS1	50.0000	70	140	26	1	48.2	PR	=	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SWB240	5971	03-22-96	5	
Chlorobenzene	CLBZ	F	MS1	50.0000	37	160	32	1	49.3	PR	=	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SWB240	5971	03-22-96	5	
Chlorodibromomethane	BDCME	F	MS1	50.0000	53	149	31	1	60.2	PR	=	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SWB240	5971	03-22-96	10	
Chloroethane	CLEA	F	MS1	50.0000	10	254	57	2	54.4	PR	=	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SWB240	5971	03-22-96	10	
2-Chloroethyl vinyl ether	CEVETH	F	MS1	0.0000					5	0	PR	U	ND	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SWB240	5971	03-22-96	5
Chloroform	TCLME	F	MS1	50.0000	51	138	31	1	54.6	PR	=	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SWB240	5971	03-22-96	10	
Chloromethane	CLME	F	MS1	50.0000	10	273	99	1	57.8	PR	=	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SWB240	5971	03-22-96	5	
1,1-Dichloroethene	DCA11	F	MS1	50.0000	59	155	26	1	52.6	PR	=	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SWB240	5971	03-22-96	5	
1,2-Dichloroethane	DCA12	F	MS1	50.0000	49	155	30	1	54.5	PR	=	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SWB240	5971	03-22-96	5	
1,1-Dichloroethene	DCE11	F	MS1	50.0000	50	130	41	1	53.5	PR	=	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SWB240	5971	03-22-96	5	
cis-1, 2-Dichloroethene	DCE12C	F	MS1	50.0000	70	130	20	1	52.4	PR	=	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SWB240	5971	03-22-96	5	
trans-1, 2-Dichloroethene	DCE12T	F	MS1	50.0000	70	130	20	1	50.6	PR	=	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SWB240	5971	03-22-96	5	
1,2-Dichloropropane	DCPA12	F	MS1	50.0000	10	210	69	1	51.1	PR	=	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SWB240	5971	03-22-96	5	
cis-1, 3-Dichloropropene	DCP13C	F	MS1	50.0000	10	227	79	1	53.0	PR	=	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SWB240	5971	03-22-96	5	
trans-1, 3-Dichloropropene	DCP13T	F	MS1	50.0000	17	183	52	1	57.6	PR	=	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SWB240	5971	03-22-96	5	
Ethylbenzene	EBZ	F	MS1	50.0000	37	162	38	1	48.8	PR	=	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SWB240	5971	03-22-96	50	
2-Hexanone	HXO2	F	MS1	50.0000	50	150	25	6	54.8	PR	=	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SWB240	5971	03-22-96	5	
Methylene chloride	MTLNCL	F	MS1	50.0000	10	221	37	3	56.4	PR	=	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SWB240	5971	03-22-96	50	
4-Methyl-2-pentanone	MIBK	F	MS1	50.0000	50	150	25	5	36.9	PR	J	TR	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SWB240	5971	03-22-96	5	
Styrene	STY	F	MS1	50.0000	50	150	25	1	50.6	PR	=	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SWB240	5971	03-22-96	5	
1,1,2,2-Tetrachloroethane	PCA	F	MS1	50.0000	46	157	37	1	52.4	PR	=	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SWB240	5971	03-22-96	5	
Tetrachloroethene	PCE	F	MS1	50.0000	64	148	25	1	46.2	PR	=	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SWB240	5971	03-22-96	5	
Toluene	BZME	F	MS1	50.0000	47	150	24	1	44.4	PR	=	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SWB240	5971	03-22-96	5	
1,1,1-Trichloroethane	TCA111	F	MS1	50.0000	52	162	23	1	48.5	PR	=	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SWB240	5971	03-22-96	5	
1,1,2-Trichloroethane	TCA112	F	MS1	50.0000	52	150	28	2	58.6	PR	=	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SWB240	5971	03-22-96	5	
Trichloroethylene	TCE	F	MS1	50.0000	35	150	33	1	49.2	PR	=	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SWB240	5971	03-22-96	5	
Vinyl acetate	VA	F	MS1	50.0000	50	150	25	10	55.9	PR	=	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SWB240	5971	03-22-96	5	
Vinyl chloride	VC	F	MS1	50.0000	10	251	100	2	52.3	PR	=	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SWB240	5971	03-22-96	5	
Xylenes	XYLENES	F	MS1	150.0000	50	150	25	1	150	PR	=	=	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SWB240	5971	03-22-96	5	
Dibromofluoromethane (SS)	DBFM	T	MS1	100	76	114			108	PR	%	%	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SWB240	5971	03-22-96	5	
Toluene-d8 (SS)	BZMED8	T	MS1	100	88	110			86.5	PR	%	%	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SWB240	5971	03-22-96	5	
Bromofluorobenzene (SS)	BR4FBZ	T	MS1	100	86	115			104	PR	%	%	UG/L	03-May-96	1341	03-May-96	1403	SW5030	SWB240	5971	03-22-96	5	

Chase A. Thibaudaux
Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 155904
 Lab Sample ID 96-0898-13SD1
 Lab Batch No. 96W29

Date Received 30-Apr-96
 Matrix/Basis W/X
 Dilution Factor 1
 Total Solids(%) N/A

431 446

Volatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acetone	ACE	F	SD1	50.0000	10	200	25	10	53.1	PR	J	TR	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	100
Benzene	BZ	F	SD1	50.0000	65	145	35	1	50.4	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5	
Iodomethylchloromethane	BDCME	F	SD1	50.0000	35	155	32	2	53.1	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5	
Iodomethane	TBME	F	SD1	50.0000	45	169	27	1	55.8	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5	
Iodomethane	BRME	F	SD1	50.0000	10	242	90	2	49.2	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	10	
2-Butanone	MEK	F	SD1	50.0000	50	150	25	6	55.6	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	50	
Carbon disulfide	CDS	F	SD1	50.0000	10	200	25	1	50.9	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5	
Carbon tetrachloride	CTCL	F	SD1	50.0000	70	140	26	1	48.8	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5	
Chlorobenzene	CLBZ	F	SD1	50.0000	37	160	32	1	50.3	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5	
Chlorodibromomethane	BDCME	F	SD1	50.0000	53	149	31	1	54.7	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5	
Chloroethane	CLEA	F	SD1	50.0000	10	254	57	2	52.8	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	10	
2-Chloroethyl vinyl ether	CEVETH	F	SD1	0.0000				5	0	PR	U	ND	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	10
Chloroform	TCLME	F	SD1	50.0000	51	138	31	1	55.4	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5	
Chloromethane	CLME	F	SD1	50.0000	10	273	99	1	55.4	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	10	
1,1-Dichloroethane	DCA11	F	SD1	50.0000	59	155	26	1	51.8	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5	
1,2-Dichloroethane	DCA12	F	SD1	50.0000	49	155	30	1	55.4	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5	
1,1-Dichloroethene	DCE11	F	SD1	50.0000	50	130	41	1	51.0	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5	
1-s, 2-Dichloroethene	DCE12C	F	SD1	50.0000	70	130	20	1	51.6	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5	
trans-1, 2-Dichloroethene	DCE12T	F	SD1	50.0000	70	130	20	1	50.4	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5	
2-Dichloropropane	DCPA12	F	SD1	50.0000	10	210	69	1	52.6	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5	
cis-1, 3-Dichloropropene	DCP13C	F	SD1	50.0000	10	227	79	1	52.6	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5	
trans-1, 3-Dichloropropene	OCP13T	F	SD1	50.0000	17	183	52	1	54.1	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5	
Methylbenzene	EBZ	F	SD1	50.0000	37	162	38	1	50.9	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5	
-Hexanone	HXO2	F	SD1	50.0000	50	150	25	6	54.8	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	50	
ethylene chloride	MTLNCL	F	SD1	50.0000	10	221	37	3	54.7	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5	
4-Methyl-2-pentanone	MIBK	F	SD1	50.0000	50	150	25	5	40.0	PR	J	TR	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	50
Styrene	STY	F	SD1	50.0000	50	150	25	1	48.5	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5	
1,1,2,2-Tetrachloroethane	PCA	F	SD1	50.0000	46	157	37	1	54.2	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5	
tetrachloroethene	PCE	F	SD1	50.0000	64	148	25	1	48.7	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5	
cyclohexene	BZME	F	SD1	50.0000	47	150	24	1	48.6	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5	
1,1,1-Trichloroethane	TCA111	F	SD1	50.0000	52	162	23	1	47.6	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5	
1,1,2-Trichloroethane	TCA112	F	SD1	50.0000	52	150	28	2	54.7	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5	
Trichloroethene	TCE	F	SD1	50.0000	35	150	33	1	49.5	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5	
acetate	VA	F	SD1	50.0000	50	150	25	10	53.1	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	50	
chloride	VC	F	SD1	50.0000	10	251	100	2	51.8	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	10	
Xylenes	XYLENES	F	SD1	150.0000	50	150	25	1	151	PR	=	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96	5	
Dibromofluoromethane (SS)	DBFM	T	SD1	100	76	114			106	PR	%	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96		
Toluene-d8 (SS)	BZMED8	T	SD1	100	88	110			94.9	PR	%	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96		
Iromofluorobenzene (SS)	BR4FBZ	T	SD1	100	86	115			102	PR	%	UG/L	03-May-96	1411	03-May-96	1432	SW5030	SW8240	5971	03-22-96		

Laboratory ID CERTES
 Project No. 10K70200
 Client ID LABOC
 Lab Sample ID 98-0018-00LB1
 Lab Batch No. 98S28

Date Received 03-May-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 100

431 447

Volatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL	
Acetone	ACE	F	LB1	0.0000				0.01	0	PR	U	ND	MG/KG	03-May-96	0834	03-May-96	1305	SW5030	SW8240	5971	03-22-96	0.1
Benzene	BZ	F	LB1	0.0000				0.001	0	PR	U	ND	MG/KG	03-May-96	0834	03-May-96	1305	SW5030	SW8240	5971	03-22-96	0.005
Bromodichloromethane	BDCME	F	LB1	0.0000				0.001	0	PR	U	ND	MG/KG	03-May-96	0834	03-May-96	1305	SW5030	SW8240	5971	03-22-96	0.005
Bromoform	TBME	F	LB1	0.0000				0.001	0	PR	U	ND	MG/KG	03-May-96	0834	03-May-96	1305	SW5030	SW8240	5971	03-22-96	0.01
Bromomethane	BRME	F	LB1	0.0000				0.001	0	PR	U	ND	MG/KG	03-May-96	0834	03-May-96	1305	SW5030	SW8240	5971	03-22-96	0.05
2-Butanone	MEK	F	LB1	0.0000				0.005	0	PR	U	ND	MG/KG	03-May-96	0834	03-May-96	1305	SW5030	SW8240	5971	03-22-96	0.005
Carbon disulfide	CDS	F	LB1	0.0000				0.01	0	PR	U	ND	MG/KG	03-May-96	0834	03-May-96	1305	SW5030	SW8240	5971	03-22-96	0.005
Carbon tetrachloride	CTCL	F	LB1	0.0000				0.001	0	PR	U	ND	MG/KG	03-May-96	0834	03-May-96	1305	SW5030	SW8240	5971	03-22-96	0.005
Chlorobenzene	CLBZ	F	LB1	0.0000				0.001	0	PR	U	ND	MG/KG	03-May-96	0834	03-May-96	1305	SW5030	SW8240	5971	03-22-96	0.005
Chlorodibromomethane	BDCME	F	LB1	0.0000				0.001	0	PR	U	ND	MG/KG	03-May-96	0834	03-May-96	1305	SW5030	SW8240	5971	03-22-96	0.01
Chloroethane	CLEA	F	LB1	0.0000				0.002	0	PR	U	ND	MG/KG	03-May-96	0834	03-May-96	1305	SW5030	SW8240	5971	03-22-96	0.01
2-Chloroethyl vinyl ether	CEVETH	F	LB1	0.0000				0.005	0	PR	U	ND	MG/KG	03-May-96	0834	03-May-96	1305	SW5030	SW8240	5971	03-22-96	0.005
Chloroform	TCLME	F	LB1	0.0000				0.001	0	PR	U	ND	MG/KG	03-May-96	0834	03-May-96	1305	SW5030	SW8240	5971	03-22-96	0.01
Chloromethane	CLME	F	LB1	0.0000				0.002	0	PR	U	ND	MG/KG	03-May-96	0834	03-May-96	1305	SW5030	SW8240	5971	03-22-96	0.005
1,1-Dichloroethane	DCA11	F	LB1	0.0000				0.001	0	PR	U	ND	MG/KG	03-May-96	0834	03-May-96	1305	SW5030	SW8240	5971	03-22-96	0.005
1,2-Dichloroethane	DCA12	F	LB1	0.0000				0.001	0	PR	U	ND	MG/KG	03-May-96	0834	03-May-96	1305	SW5030	SW8240	5971	03-22-96	0.005
1,1-Dichloroethene	DCE11	F	LB1	0.0000				0.001	0	PR	U	ND	MG/KG	03-May-96	0834	03-May-96	1305	SW5030	SW8240	5971	03-22-96	0.005
cis-1, 2-Dichloroethene	DCE12C	F	LB1	0.0000				0.001	0	PR	U	ND	MG/KG	03-May-96	0834	03-May-96	1305	SW5030	SW8240	5971	03-22-96	0.005
trans-1, 2-Dichloroethene	DCE12T	F	LB1	0.0000				0.001	0	PR	U	ND	MG/KG	03-May-96	0834	03-May-96	1305	SW5030	SW8240	5971	03-22-96	0.005
1,2-Dichloropropane	DCPA12	F	LB1	0.0000				0.001	0	PR	U	ND	MG/KG	03-May-96	0834	03-May-96	1305	SW5030	SW8240	5971	03-22-96	0.005
cis-1, 3-Dichloropropene	DCP13C	F	LB1	0.0000				0.001	0	PR	U	ND	MG/KG	03-May-96	0834	03-May-96	1305	SW5030	SW8240	5971	03-22-96	0.005
trans-1, 3-Dichloropropene	DCP13T	F	LB1	0.0000				0.001	0	PR	U	ND	MG/KG	03-May-96	0834	03-May-96	1305	SW5030	SW8240	5971	03-22-96	0.005
Ethylbenzene	EBZ	F	LB1	0.0000				0.001	0	PR	U	ND	MG/KG	03-May-96	0834	03-May-96	1305	SW5030	SW8240	5971	03-22-96	0.005
2-Hexanone	HXO2	F	LB1	0.0000				0.006	0	PR	U	ND	MG/KG	03-May-96	0834	03-May-96	1305	SW5030	SW8240	5971	03-22-96	0.005
Methylene chloride	MTLNCL	F	LB1	0.0000				0.001	0	PR	U	ND	MG/KG	03-May-96	0834	03-May-96	1305	SW5030	SW8240	5971	03-22-96	0.005
4-Methyl-2-pentanone	MIBK	F	LB1	0.0000				0.005	0	PR	U	ND	MG/KG	03-May-96	0834	03-May-96	1305	SW5030	SW8240	5971	03-22-96	0.005
Styrene	STY	F	LB1	0.0000				0.001	0	PR	U	ND	MG/KG	03-May-96	0834	03-May-96	1305	SW5030	SW8240	5971	03-22-96	0.005
1,1,2,2-Tetrachloroethane	PCA	F	LB1	0.0000				0.001	0	PR	U	ND	MG/KG	03-May-96	0834	03-May-96	1305	SW5030	SW8240	5971	03-22-96	0.005
Tetrachloroethene	PCE	F	LB1	0.0000				0.001	0	PR	U	ND	MG/KG	03-May-96	0834	03-May-96	1305	SW5030	SW8240	5971	03-22-96	0.005
Toluene	BZME	F	LB1	0.0000				0.001	0	PR	U	ND	MG/KG	03-May-96	0834	03-May-96	1305	SW5030	SW8240	5971	03-22-96	0.005
1,1,1-Trichloroethane	TCA111	F	LB1	0.0000				0.001	0	PR	U	ND	MG/KG	03-May-96	0834	03-May-96	1305	SW5030	SW8240	5971	03-22-96	0.005
1,1,2-Trichloroethane	TCA112	F	LB1	0.0000				0.001	0	PR	U	ND	MG/KG	03-May-96	0834	03-May-96	1305	SW5030	SW8240	5971	03-22-96	0.005
Trichloroethene	TCE	F	LB1	0.0000				0.001	0	PR	U	ND	MG/KG	03-May-96	0834	03-May-96	1305	SW5030	SW8240	5971	03-22-96	0.005
Vinyl acetate	VA	F	LB1	0.0000				0.01	0	PR	U	ND	MG/KG	03-May-96	0834	03-May-96	1305	SW5030	SW8240	5971	03-22-96	0.005
Vinyl chloride	VC	F	LB1	0.0000				0.002	0	PR	U	ND	MG/KG	03-May-96	0834	03-May-96	1305	SW5030	SW8240	5971	03-22-96	0.005
Xylenes	XYLEMES	F	LB1	0.0000				0.001	0	PR	U	ND	MG/KG	03-May-96	0834	03-May-96	1305	SW5030	SW8240	5971	03-22-96	0.005
Dibromofluoromethane (SS)	DBFM	T	LB1	100	76	114		94.3	PR	%	MG/KG	03-May-96	0834	03-May-96	1305	SW5030	SW8240	5971	03-22-96			
Toluene-d8 (SS)	BZMED8	T	LB1	100	88	110		103	PR	%	MG/KG	03-May-96	0834	03-May-96	1305	SW5030	SW8240	5971	03-22-96			
Bromofluorobenzene (SS)	BR4FBZ	T	LB1	100	86	115		90.4	PR	%	MG/KG	03-May-96	0834	03-May-96	1305	SW5030	SW8240	5971	03-22-96	0.005		

Chase A. Thibodaux
Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 155807
 Lab Sample ID: 96-0898-07MS1
 Lab Batch No.: 96S28

Date Received: 30-Apr-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 91.9

431 448

Volatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acetone	ACE	F	MS1	0.0500	10	200	25	0.01	0.063	PR	J	TR	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.1
Benzene	BZ	F	MS1	0.0500	65	145	35	0.001	0.054	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
Bromodichloromethane	BDCME	F	MS1	0.0500	35	155	30	0.001	0.056	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
Bromoform	TBME	F	MS1	0.0500	45	169	25	0.001	0.058	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
Bromomethane	BRME	F	MS1	0.0500	10	242	50	0.001	0.048	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.01	
2-Butanone	MEK	F	MS1	0.0500	50	150	25	0.005	0.064	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.05	
Carbon disulfide	CDS	F	MS1	0.0500	10	200	25	0.01	0.051	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
Carbon tetrachloride	CTCL	F	MS1	0.0500	70	140	25	0.001	0.054	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
Chlorobenzene	CLBZ	F	MS1	0.0500	37	160	30	0.001	0.053	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
Chlorodibromomethane	BDCME	F	MS1	0.0500	53	149	30	0.001	0.057	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
Chloroethane	CLEA	F	MS1	0.0500	10	254	50	0.002	0.053	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.01	
2-Chloroethyl vinyl ether	CEVETH	F	MS1	0.0000				0.005	0	PR	U	ND	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.01
Chloroform	TCLME	F	MS1	0.0500	51	138	30	0.001	0.055	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
Chloromethane	CLME	F	MS1	0.0500	10	273	50	0.002	0.056	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.01	
1,1-Dichloroethane	DCA11	F	MS1	0.0500	59	155	25	0.001	0.050	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
1,2-Dichloroethane	DCA12	F	MS1	0.0500	49	155	30	0.001	0.053	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
1,1-Dichloroethene	DCE11	F	MS1	0.0500	50	130	35	0.001	0.052	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
cis-1, 2-Dichloroethene	DCE12C	F	MS1	0.0500	70	130	20	0.001	0.054	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
trans-1, 2-Dichloroethene	DCE12T	F	MS1	0.0500	70	130	20	0.001	0.050	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
1,2-Dichloropropane	DCPA12	F	MS1	0.0500	10	210	50	0.001	0.055	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
cis-1, 3-Dichloropropene	DCP13C	F	MS1	0.0500	10	227	50	0.001	0.054	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
trans-1, 3-Dichloropropene	DCP13T	F	MS1	0.0500	17	183	35	0.001	0.055	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
Ethylbenzene	EBZ	F	MS1	0.0500	37	162	35	0.001	0.054	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
2-Hexanone	HXO2	F	MS1	0.0500	50	150	25	0.006	0.048	PR	J	TR	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.05
Methylene chloride	MTLNCL	F	MS1	0.0500	10	221	35	0.001	0.054	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
4-Methyl-2-pentanone	MIBK	F	MS1	0.0500	50	150	25	0.005	0.044	PR	J	TR	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.05
Styrene	STY	F	MS1	0.0500	50	150	25	0.001	0.054	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
1,1,2,2-Tetrachloroethane	PCA	F	MS1	0.0500	46	157	35	0.001	0.052	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
Tetrachloroethene	PCE	F	MS1	0.0500	64	148	25	0.001	0.052	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
Toluene	BZME	F	MS1	0.0500	47	150	25	0.001	0.053	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
1,1,1-Trichloroethane	TCA111	F	MS1	0.0500	52	162	25	0.001	0.056	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
1,1,2-Trichloroethane	TCA112	F	MS1	0.0500	52	150	25	0.001	0.054	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
Trichloroethane	TCE	F	MS1	0.0500	35	150	30	0.001	0.055	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
Acetate	VA	F	MS1	0.0500	50	150	25	0.01	0.048	PR	J	TR	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.05
Chloride	VC	F	MS1	0.0500	10	251	30	0.002	0.052	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.01	
Xylenes	XYLEMES	F	MS1	0.1500	50	150	25	0.001	0.162	PR	=	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96	0.005	
Dibromofluoromethane (SS)	DBFM	T	MS1	100	76	114			101	PR	%	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96		
Toluene-d8 (SS)	BZMED8	T	MS1	100	88	110			96.3	PR	%	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96		
Bromofluorobenzene (SS)	BR4FBZ	T	MS1	100	86	114			100	PR	%	MG/KG	03-May-96	1135	03-May-96	1158	SW5030	SW8240	5971	03-22-96		

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 155807
 Lab Sample ID 96-0898-07SD1
 Lab Batch No. 96S28

Date Received 30-Apr-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 91.9

431 449

Volatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acetone	ACE	F	SD1	0.0500	10	200	25	0.01	0.065	PR	J	TR	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.1
Benzene	BZ	F	SD1	0.0500	65	145	35	0.001	0.056	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
Bromodichloromethane	BDCME	F	SD1	0.0500	35	155	30	0.001	0.058	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
Bromoform	TBME	F	SD1	0.0500	45	169	25	0.001	0.062	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.01	
Bromomethane	BRME	F	SD1	0.0500	10	242	50	0.001	0.055	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.05	
2-Butanone	MEK	F	SD1	0.0500	50	150	25	0.005	0.071	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.05	
Carbon disulfide	CDS	F	SD1	0.0500	10	200	25	0.01	0.056	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
Carbon tetrachloride	CTCL	F	SD1	0.0500	70	140	25	0.001	0.056	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
Chlorobenzene	CLBZ	F	SD1	0.0500	37	160	30	0.001	0.057	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
Chlorodibromomethane	BDCME	F	SD1	0.0500	53	149	30	0.001	0.060	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.01	
Chloroethane	CLEA	F	SD1	0.0500	10	254	50	0.002	0.055	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.01	
2-Chloroethyl vinyl ether	CEVETH	F	SD1	0.0000				0.005	0	PR	U	ND	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005
Chloroform	TCLME	F	SD1	0.0500	51	138	30	0.001	0.058	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.01	
Chloromethane	CLME	F	SD1	0.0500	10	273	50	0.002	0.058	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
1,1-Dichloroethane	DCA11	F	SD1	0.0500	59	155	25	0.001	0.057	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
1,2-Dichloroethane	DCA12	F	SD1	0.0500	49	155	30	0.001	0.056	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
1,1-Dichloroethene	DCE11	F	SD1	0.0500	50	130	35	0.001	0.057	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
cis-1, 2-Dichloroethene	DCE12C	F	SD1	0.0500	70	130	20	0.001	0.056	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
trans-1, 2-Dichloroethene	DCE12T	F	SD1	0.0500	70	130	20	0.001	0.056	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
1,2-Dichloropropane	DCPA12	F	SD1	0.0500	10	210	50	0.001	0.057	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
cis-1, 3-Dichloropropene	DCP13C	F	SD1	0.0500	10	227	50	0.001	0.058	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
trans-1, 3-Dichloropropene	DCP13T	F	SD1	0.0500	17	183	35	0.001	0.059	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
Ethylbenzene	EBZ	F	SD1	0.0500	37	162	35	0.001	0.056	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
2-Hexanone	HX02	F	SD1	0.0500	50	150	25	0.005	0.061	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
Methylene chloride	MTLNCL	F	SD1	0.0500	10	221	35	0.001	0.059	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
4-Methyl-2-pentanone	MIBK	F	SD1	0.0500	50	150	25	0.005	0.052	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
Styrene	STY	F	SD1	0.0500	50	150	25	0.001	0.058	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
1,1,2,2-Tetrachloroethane	PCA	F	SD1	0.0500	46	157	35	0.001	0.056	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
Tetrachloroethene	PCE	F	SD1	0.0500	64	148	25	0.001	0.056	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
Toluene	BZME	F	SD1	0.0500	47	150	25	0.001	0.056	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
1,1,1-Trichloroethane	TCA111	F	SD1	0.0500	52	162	25	0.001	0.056	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
1,1,2-Trichloroethane	TCA112	F	SD1	0.0500	52	150	25	0.001	0.057	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
Trichloroethene	TCE	F	SD1	0.0500	35	150	30	0.001	0.057	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
Vinyl acetate	VA	F	SD1	0.0500	50	150	25	0.01	0.050	PR	J	TR	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005
Vinyl chloride	VC	F	SD1	0.0500	10	251	30	0.002	0.056	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
Xylenes	XYLENES	F	SD1	0.1500	50	150	25	0.001	0.172	PR	=	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
Dibromofluoromethane (SS)	DBFM	T	SD1	100	76	114			101	PR	%	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
Toluene-d8 (SS)	BZMED8	T	SD1	100	88	110			98.2	PR	%	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	
Bromofluorobenzene (SS)	BR4FBZ	T	SD1	100	86	115			101	PR	%	MG/KG	03-May-96	1204	03-May-96	1224	SW5030	SW8240	5971	03-22-96	0.005	

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: LABQC
 Lab Sample ID: 96-0908-C0LB1
 Job Batch No.: W-0292

Date Received: 07-May-96
 Matrix/Basis: W/X
 Dilution Factor: 1
 Total Solids(%): N/A

Total Petroleum Hydrocarbons

431 450

Compound	Analyte Code	S	QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
TPH	PHC	F	LB1	0.0000	0.2	0.06	PR	J	TR	MG/L	07-May-96	0800	07-May-96	1300	SW3510	E418.1	IR	05-07-96	1

Laboratory ID CERTES
Project No. 10K70200
Client ID LABQC
Lab Sample ID 96-0908-008S1
Lab Batch No. W-0292

Date Received 07-May-96
Matrix/Basis W/X
Dilution Factor 1
Total Solids(%) N/A

Total Petroleum Hydrocarbons

431 451

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
TPH	PHC	F	BS1	10.0000	90	110	10	0.2	9.29	PR	-	MGL	07-May-96	0800	07-May-96	1300	SV3510	E418.1	IR	05-07-96	1	

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
Project No. 10K70200
Client ID LABQC
Lab Sample ID 96-0908-00BD1
Lab Batch No. W-0292

Date Received 07-May-96
Matrix/Basis W/X
Dilution Factor 1
Total Solids(%) N/A

431 452

Petroleum Hydrocarbons

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
TPH	PHC	F	BD1	10.0000	90	110	10	0.2	0.9	PR	=	MG/L	07-May-96	0900	07-May-96	1300	SW3510	E418.1	IR	05-07-96	1	

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
Project No. 10K70200
Client ID LABOC
Lab Sample ID 98-0908-00BD2
Lab Batch No. W-0292

Date Received 07-May-96
Matrix/Basis W/X
Dilution Factor 1
Total Solids(%) N/A

Total Petroleum Hydrocarbons

431 453

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
TPH	PHC	F	BD2	10.0000	90	110	10	0.2	9.9	PR	*		MG/L	07-May-96	0900	07-May-96	1300	SW3510	E418.1	IR	05-07-96	1

Chase A. Thibodaux
Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: LABQC
 Lab Sample ID: 96-0918-00LB1
 Lab Batch No.: SVS83

Date Received: 06-May-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 100

431 454

SemiVolatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acenaphthene	ACNP	F	LB1	0.0000		35	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
Acenaphthylene	ACNPY	F	LB1	0.0000		35	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
Anthracene	ANTH	F	LB1	0.0000		38	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
Benz(a)anthracene	BZAA	F	LB1	0.0000		26.1	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
Benz(a)pyrene	BZAP	F	LB1	0.0000		41.9	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
Benz(b)fluoranthene	BZBF	F	LB1	0.0000		33.3	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
Benz(g,h,i)perylene	BZHIP	F	LB1	0.0000		54.8	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
Benz(k)fluoranthene	BZKF	F	LB1	0.0000		86.5	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
Benzoic acid	BZACID	F	LB1	0.0000		59.1	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
Benzyl alcohol	BZLAL	F	LB1	0.0000		47.9	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	660	
bis(2-Chloroethoxy)methane	BECEM	F	LB1	0.0000		43.6	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
bis(2-Chloroethyl)ether	BIS2CEE	F	LB1	0.0000		51.2	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
bis(2-Chloroisopropyl)ether	BIS2CIE	F	LB1	0.0000		55.8	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
bis(2-Ethylhexyl)phthalate	BIS2EHP	F	LB1	0.0000		92.4	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
4-Bromophenyl-phenyl ether	BPPE4	F	LB1	0.0000		33.3	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
Butylbenzylphthalate	BBP	F	LB1	0.0000		39.3	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
4-Chloro-3-methylphenol	C4M3PH	F	LB1	0.0000		48.8	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	660	
4-Chloroniline	CLANIL4	F	LB1	0.0000		53.8	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	660	
2-Chlorophenol	CLPH2	F	LB1	0.0000		57.1	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
4-Chlorophenyl-phenyl ether	CPPE4	F	LB1	0.0000		35.3	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
2-Chloronaphthalene	CNPH2	F	LB1	0.0000		29	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
Chrysene	CHRYSENE	F	LB1	0.0000		32	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
Di-n-butylphthalate	DNPB	F	LB1	0.0000		55.1	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
Di-n-octylphthalate	DNOP	F	LB1	0.0000		57.1	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
Dibenzo(a,h)anthracene	DBZAHP	F	LB1	0.0000		50.2	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
Dibenzofuran	DBF	F	LB1	0.0000		37.3	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
1,2-Dichlorobenzene	DCBZ12	F	LB1	0.0000		51.5	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
1,3-Dichlorobenzene	DCBZ13	F	LB1	0.0000		52.1	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
1,4-Dichlorobenzene	DCBZ14	F	LB1	0.0000		52.8	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
3,3'-Dichlorobenzidine	DBZD33	F	LB1	0.0000		81.8	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	660	
2,4-Dichlorophenol	DCP24	F	LB1	0.0000		52.8	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
Diethylphthalate	DEPH	F	LB1	0.0000		47.2	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
2,4-Dimethylphenol	DMP24	F	LB1	0.0000		43.9	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
Dimethylphthalate	DMPH	F	LB1	0.0000		36.6	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
2,6-Dinitrotoluene	DNT26	F	LB1	0.0000		36	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
2,4-Dinitrophenol	DNP24	F	LB1	0.0000		39.6	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	1650	
5-Dinitro-2-methylphenol	DN46M	F	LB1	0.0000		50.8	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	1650	
2,4-Dinitrotoluene	DNT24	F	LB1	0.0000		32.7	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
Fluoranthene	FLA	F	LB1	0.0000		40.6	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
Fluorene	FL	F	LB1	0.0000		35.3	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
Hexachlorobenzene	HCLBZ	F	LB1	0.0000		33	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
Hexachlorobutadiene	HCBU	F	LB1	0.0000		47.9	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
Hexachlorocyclopentadiene	HCCP	F	LB1	0.0000		61.4	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
Hexachloroethane	HCLEA	F	LB1	0.0000		46.2	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
Indeno(1,2,3-cd)pyrene	INP123	F	LB1	0.0000		54.5	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
Isochorone	ISOP	F	LB1	0.0000		47.9	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
2-Methylnaphthalene	MTNP2H	F	LB1	0.0000		48.2	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
2-Methylphenol	MEPH2	F	LB1	0.0000		52.8	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
4-Methylphenol	MEPH4	F	LB1	0.0000		54.8	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
N-Nitroso-di-n-propylamine	NNSPR	F	LB1	0.0000		55.4	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
N-Nitrosodiphenylamine	NNSPH	F	LB1	0.0000		38	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
Naphthalene	NAPH	F	LB1	0.0000		39.9	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
2-Nitroaniline	NO2ANIL2	F	LB1	0.0000		38.3	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	1650	
4-Nitroaniline	NO2ANIL4	F	LB1	0.0000		73.6	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	1650	
3-Nitroaniline	NO2ANIL3	F	LB1	0.0000		43.9	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	1650	
Nitrobenzene	NO2BZ	F	LB1	0.0000		49.5	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
2-Nitrophenol	NTPH2	F	LB1	0.0000		46.5	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	330	
4-Nitrophenol	NTPH4	F	LB1	0.0000		39.9	0	PR	U	ND	UG/KG	06-May-96	1301	06-May-96	1537	SW3550	SWB270	5972	03-19-96	1650	
Pentachlorophenol	PCP	F	LB1	0.0000		53.1	0	PR													

Laboratory ID CERTES
 Project No. 10K7D200
 Client ID LABQC
 Lab Sample ID 96-0918-00BS1
 Lab Batch No. SVS83

Date Received 06-May-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 100

431 455

SemiVolatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL
Acenaphthene	ACNP	F	BS1	6600.0000	47	145	28	35	5730	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	330
Acenaphthylene	ACNPY	F	BS1	6600.0000	33	145	40	35	6310	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	330
Anthracene	ANTH	F	BS1	6600.0000	27	133	32	38	5060	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	330
Benz(a)anthracene	BZAA	F	BS1	6600.0000	33	143	28	26.1	5590	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	330
Benz(a)pyrene	BZAP	F	BS1	6600.0000	17	163	39	41.9	5740	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	330
Benz(b)fluoranthene	BZBF	F	BS1	6600.0000	24	159	39	33.3	5820	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	330
Benz(g,h,i)perylene	BZGHIP	F	BS1	6600.0000	10	219	59	54.8	5190	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	330
Benz(k)fluoranthene	BZKF	F	BS1	6600.0000	11	162	32	86.5	4800	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	330
Benzoinic acid	BZACID	F	BS1	6600.0000	10	200	50	59.1	5850	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	1650
Benzyl alcohol	BZLAL	F	BS1	6600.0000	10	200	50	47.9	5980	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	660
bis(2-Chloroethoxy)methane	BECEM	F	BS1	6600.0000	33	184	35	43.6	4740	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	330
bis(2-Chloroethyl)ether	BIS2CEE	F	BS1	6600.0000	12	158	55	51.2	5140	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	330
bis(2-Chloroisopropyl)ether	BIS2CIE	F	BS1	6600.0000	36	166	46	55.8	4640	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	330
bis(2-Ethyhexyl)phthalate	BIS2EH	F	BS1	6600.0000	8	158	41	92.4	5300	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	330
4-Bromophenyl-phenyl ether	BPPE4	F	BS1	6600.0000	53	127	23	33.3	4980	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	330
Butylbenzylphthalate	BBP	F	BS1	6600.0000	10	152	23	39.3	4940	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	330
4-Chloro-3-methylphenol	C4M3PH	F	BS1	6600.0000	22	147	37	48.8	5550	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	660
4-Chloroaniline	CLANIL4	F	BS1	6600.0000	10	200	50	53.8	5370	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	660
2-Chlorophenol	CLPH2	F	BS1	6600.0000	23	134	29	57.1	6530	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	330
4-Chlorophenyl-phenyl ether	CPPE4	F	BS1	6600.0000	25	158	33	35.3	6490	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	330
2-Chloronaphthalene	CNPH2	F	BS1	6600.0000	60	118	13	29	5500	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	330
Chrysene	CHRYSENE	F	BS1	6600.0000	17	168	48	32	5840	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	330
Di-n-butylphthalate	DNPB	F	BS1	6600.0000	10	118	17	55.1	4500	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	330
Di-n-octylphthalate	DNOP	F	BS1	6600.0000	4	146	31	57.1	4910	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	330
Dibenzo(a,h)anthracene	DBZAHP	F	BS1	6600.0000	10	227	70	50.2	5410	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	330
Dibenzenofuran	DBF	F	BS1	6600.0000	10	200	50	37.3	5880	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	660
1,2-Dichlorobenzene	DCBZ12	F	BS1	6600.0000	32	129	31	51.5	6100	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	330
1,3-Dichlorobenzene	DCBZ13	F	BS1	6600.0000	10	172	42	52.1	6010	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	330
1,4-Dichlorobenzene	DCBZ14	F	BS1	6600.0000	20	124	32	52.8	6100	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	330
3,3'-Dichlorobenzidine	DBZD33	F	BS1	6600.0000	10	262	71	81.8	5980	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	660
2,4-Dichloropheno	DCP24	F	BS1	6600.0000	39	135	26	52.8	5440	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	330
Diethylphthalate	DEPH	F	BS1	6600.0000	10	114	27	47.2	6640	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	330
2,4-Dimethylphenol	DMP24	F	BS1	6600.0000	32	119	26	43.9	5050	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	330
Dimethylphthalate	DMPH	F	BS1	6600.0000	10	112	23	36.6	5390	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	330
2,6-Dinitrotoluene	DNT26	F	BS1	6600.0000	50	158	30	36	5590	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	330
2,4-Dinitrophenol	DNP24	F	BS1	6600.0000	10	191	50	39.6	4760	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	1650
4,6-Dinitro-2-methylphenol	DN46M	F	BS1	6600.0000	10	181	93	50.8	4030	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	330
2,4-Dinitrotoluene	DNT24	F	BS1	6600.0000	39	139	22	32.7	5590	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	330
Fluoranthene	FLA	F	BS1	6600.0000	26	137	33	40.6	5030	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	330
Fluorene	FL	F	BS1	6600.0000	59	121	21	35.3	5580	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	330
Hexachlorobenzene	HCLBZ	F	BS1	6600.0000	10	152	25	33	5010	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	330
Hexachlorobutadiene	HCBU	F	BS1	6600.0000	24	116	26	47.9	6890	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	330
Hexachlorocyclopentadiene	HCCP	F	BS1	6600.0000	10	200	50	61.4	8270	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	330
Hexachloroethane	HCLEA	F	BS1	6600.0000	40	113	25	46.2	6760	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	330
Indeno(1,2,3-cd)pyrene	INP123	F	BS1	6600.0000	10	171	45	54.5	5360	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	330
Isophorone	ISOP	F	BS1	6600.0000	21	196	63	47.9	5790	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	330
2-Methylnaphthalene	MTNP2H	F	BS1	6600.0000	10	200	50	48.2	6000	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	330
2-Methylphenol	MEPH2	F	BS1	6600.0000	10	145	25	52.8	6010	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	330
4-Methylphenol	MEPH4	F	BS1	6600.0000	25	135	40	54.8	5660	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	330
N-Nitroso-di-n-propylamine	NNSPR	F	BS1	6600.0000	10	230	55	55.4	6120	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	330
N-Nitrosodiphenylamine	NNSPH	F	BS1	6600.0000	10	200	50	38	4720	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	330
Naphthalene	NAPH	F	BS1	6600.0000	21	133	30	39.9	5750	PR	=	UG/KG	06-May-96	1242	07-May-96	1311	SW3550	SW8270	5972	03-19-96	330
2-Nitroaniline	NO2ANIL2	F	BS1	6600.0000	10	200	50	38.3	6160	PR	=	UG/KG	06-May-96	1242	07-May-96	131					

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 111205
 Lab Sample ID: 96-0918-05MS1
 Lab Batch No.: SVS83

Date Received: 03-May-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 90.7

SemiVolatile Organic Compounds

431 456

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acenaphthene	ACNP	F	MS1	6600.0000	47	145	28	35	6100	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Acenaphthylene	ACNPY	F	MS1	6600.0000	33	145	40	35	6650	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Anthracene	ANTH	F	MS1	6600.0000	27	133	32	38	5050	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Benzo(a)anthracene	BZAA	F	MS1	6600.0000	33	143	28	26.1	5920	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Benzo(a)pyrene	BZAP	F	MS1	6600.0000	17	163	39	41.9	6040	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Benzo(b)fluoranthene	BZBF	F	MS1	6600.0000	24	159	39	33.3	5950	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Benzo(g,h,i)perylene	BZGHIP	F	MS1	6600.0000	10	219	59	54.8	5690	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Benzo(k)fluoranthene	BZKF	F	MS1	6600.0000	11	162	32	86.5	5290	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Benzoic acid	BZACID	F	MS1	6600.0000	10	200	50	59.1	2160	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	1650	
Benzyl alcohol	BZLAL	F	MS1	6600.0000	10	200	50	47.9	6370	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	660	
bis(2-Chloroethoxy)methane	BECEM	F	MS1	6600.0000	33	184	35	43.6	4800	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
bis(2-Chloroethyl)ether	BIS2CEE	F	MS1	6600.0000	12	158	55	51.2	5370	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
bis(2-Chloroisopropyl)ether	BIS2CIE	F	MS1	6600.0000	36	166	46	55.8	4840	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
bis(2-Ethylhexyl)phthalate	BIS2EHP	F	MS1	6600.0000	8	158	41	92.4	5610	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
4-Bromophenyl-phenyl ether	BPPE4	F	MS1	6600.0000	53	127	23	33.3	5300	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Butylbenzylphthalate	BBP	F	MS1	6600.0000	10	152	23	39.3	5150	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
4-Chloro-3-methylphenol	C4M3PH	F	MS1	6600.0000	22	147	37	48.8	5800	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	660	
4-Chloroaniline	CLANIL4	F	MS1	6600.0000	10	200	50	53.8	5160	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	660	
2-Chlorophenol	CLPH2	F	MS1	6600.0000	23	134	29	57.1	6880	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
4-Chlorophenyl-phenyl ether	CPPE4	F	MS1	6600.0000	25	158	33	35.3	7040	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
2-Chloronaphthalene	CNPH2	F	MS1	6600.0000	60	118	13	29	5900	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Chrysene	CHRYSENE	F	MS1	6600.0000	17	168	48	32	6190	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Di-n-butylphthalate	DNPB	F	MS1	6600.0000	10	118	17	55.1	4640	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Di-n-octylphthalate	DNOP	F	MS1	6600.0000	4	146	31	57.1	5060	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Dibenzo(a,h)anthracene	D8ZAHP	F	MS1	6600.0000	10	227	70	50.2	5830	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Dibenzofuran	DBF	F	MS1	6600.0000	10	200	50	37.3	6280	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
1,2-Dichlorobenzene	DCBZ12	F	MS1	6600.0000	32	129	31	51.5	6510	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
1,3-Dichlorobenzene	DCBZ13	F	MS1	6600.0000	10	172	42	52.1	6440	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
1,4-Dichlorobenzene	DCBZ14	F	MS1	6600.0000	20	124	32	52.8	6460	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
3,3'-Dichlorobenzidine	DBZD33	F	MS1	6600.0000	10	262	71	81.8	6010	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	660	
2,4-Dichlorophenol	DCP24	F	MS1	6600.0000	39	135	26	52.8	5720	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Diethylphthalate	DEPH	F	MS1	6600.0000	10	114	27	47.2	5750	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
2,4-Dimethylphenol	DMP24	F	MS1	6600.0000	32	119	26	43.9	5330	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Dimethylphthalate	DMPH	F	MS1	6600.0000	10	112	23	36.6	5750	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
2,5-Dinitrotoluene	DNT26	F	MS1	6600.0000	50	158	30	36	5950	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
2-Nitrophenol	DNP24	F	MS1	6600.0000	10	191	50	39.6	4450	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	1650	
nitro-2-methylphenol	DN46M	F	MS1	6600.0000	10	181	93	50.8	4450	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	1650	
nitrotoluene	DNT24	F	MS1	6600.0000	39	139	22	32.7	5940	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Fluoranthene	FLA	F	MS1	6600.0000	26	137	33	40.6	5120	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Fluorene	FL	F	MS1	6600.0000	59	121	21	35.3	5940	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Hexachlorobenzene	HCLBZ	F	MS1	6600.0000	10	152	25	33	5420	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Hexachlorobutadiene	HCBU	F	MS1	6600.0000	24	116	26	47.9	7190	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Hexachlorocyclopentadiene	HCCP	F	MS1	6600.0000	10	200	50	61.4	9310	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Hexachloroethane	HCLEA	F	MS1	6600.0000	40	113	25	46.2	7200	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Indeno(1,2,3-d)pyrene	INP123	F	MS1	6600.0000	10	171	45	54.5	5820	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Isophorone	ISOP	F	MS1	6600.0000	21	196	63	47.9	6040	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
2-Methylnaphthalene	MTNP1H2	F	MS1	6600.0000	10	200	50	48.2	6360	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
2-Methylphenol	MEPH2	F	MS1	6600.0000	10	145	25	52.8	6380	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
4-Methylphenol	MEPH4	F	MS1	6600.0000	25	135	40	54.8	5980	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
N-Nitroso-di-n-propylamine	NNSPR	F	MS1	6600.0000	10	230	55	55.4	6410	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
N-Nitrosodipropylamine	NNSPH	F	MS1	6600.0000	10	200	50	38	4720	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
Naphthalene	NAPH	F	MS1	6600.0000	21	133	30	39.9	5880	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
2-Nitroaniline	NO2ANIL2	F	MS1	6600.0000	10	200	50	38.3	6580	PR	=	UG/KG	06-May-96	1505	07-May-96	1259	SW3550	SW8270	5972	03-19-96	330	
4-Nitroaniline	NO2ANIL4	F	MS1	6600.0000																		

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 111205
 Lab Sample ID 96-0918-05SD1
 Lab Batch No. SVS83

Date Received 03-May-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 90.7

431 457

SemiVolatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL
Acenaphthene	ACNP	F	SD1	6600.0000	47	145	28	35	6320	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330
Acenaphthylene	ACNPY	F	SD1	6600.0000	33	145	40	35	7440	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330
Anthracene	ANTH	F	SD1	6600.0000	27	133	32	38	5300	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330
Benzol(a)anthracene	BZAA	F	SD1	6600.0000	33	143	28	26.1	5910	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330
Benzol(a)pyrene	BZAP	F	SD1	6600.0000	17	163	39	41.9	6500	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330
Benzol(b)fluoranthene	BZBF	F	SD1	6600.0000	24	159	39	33.3	5950	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330
Benzol(g,h,i)perylene	BZGHIP	F	SD1	6600.0000	10	219	59	54.8	5600	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330
Benzol(k)fluoranthene	BZKF	F	SD1	6600.0000	11	162	32	66.5	4710	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	1650
Benzoic acid	BZACID	F	SD1	6600.0000	10	200	50	59.1	1820	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	660
Benzyl alcohol	BZLAL	F	SD1	6600.0000	10	200	50	47.9	6640	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330
bis(2-Chloroethoxy)methane	BECEM	F	SD1	6600.0000	33	184	35	43.6	5190	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330
bis(2-Chloroethyl)ether	BIS2CEE	F	SD1	6600.0000	12	158	55	51.2	5580	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330
bis(2-Chloroisopropyl)ether	BIS2CIE	F	SD1	6600.0000	36	166	46	55.8	5060	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330
bis(2-Ethylhexyl)phthalate	BIS2EHP	F	SD1	6600.0000	8	158	41	92.4	5820	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330
4-Bromophenyl-phenyl ether	BPPE4	F	SD1	6600.0000	53	127	23	33.3	5530	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330
Butylbenzylphthalate	BBP	F	SD1	6600.0000	10	152	23	39.3	5930	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	660
4-Chloro-3-methylphenol	C4M3PH	F	SD1	6600.0000	22	147	37	48.8	6090	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	660
4-Chloroaniline	CLANIL4	F	SD1	6600.0000	10	200	50	53.8	6660	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330
2-Chlorophenol	CLPH2	F	SD1	6600.0000	23	134	29	57.1	7140	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330
4-Chlorophenyl-phenyl ether	CPPE4	F	SD1	6600.0000	25	158	33	35.3	7590	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330
2-Chloronaphthalene	CNPB2	F	SD1	6600.0000	60	118	13	29	6020	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330
Chrysene	CHRYSENE	F	SD1	6600.0000	17	168	48	32	6520	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330
Di-n-butylphthalate	DNPB	F	SD1	6600.0000	10	118	17	55.1	5380	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330
Di-n-octylphthalate	DNOP	F	SD1	6600.0000	4	146	31	57.1	5640	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330
Dibenz(s,h)anthracene	DBZAH	F	SD1	6600.0000	10	227	70	50.2	5910	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330
Dibenzofuran	DBF	F	SD1	6600.0000	10	200	50	37.3	6600	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330
1,2-Dichlorobenzene	DCBZ12	F	SD1	6600.0000	32	128	31	51.5	6640	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330
1,3-Dichlorobenzene	DCBZ13	F	SD1	6600.0000	10	172	42	52.1	7140	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330
1,4-Dichlorobenzene	DCBZ14	F	SD1	6600.0000	20	124	32	52.8	6700	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	660
3,3'-Dichlorobenzidine	DBZD33	F	SD1	6600.0000	10	262	71	81.8	6690	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330
2,4-Dichlorophenol	DCP24	F	SD1	6600.0000	39	135	26	52.8	5970	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330
Diethylphthalate	DEPH	F	SD1	6600.0000	10	114	27	47.2	7170	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330
2,4-Dimethylphenol	DMP24	F	SD1	6600.0000	32	119	26	43.9	5740	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330
Dimethylphthalate	DMPH	F	SD1	6600.0000	10	112	23	36.6	6140	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330
2,6-Dinitrotoluene	DNT26	F	SD1	6600.0000	50	158	30	36	6610	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	1650
2,4-Dinitrophenol	DNP24	F	SD1	6600.0000	10	191	50	39.6	4490	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	1
4,6-Dinitro-2-methylphenol	DN46M	F	SD1	6600.0000	10	181	93	50.8	4710	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330
2,4-Dinitrotoluene	DNT24	F	SD1	6600.0000	39	139	22	32.7	6560	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330
Fluoranthene	FLA	F	SD1	6600.0000	26	137	33	40.6	5590	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330
Fluorene	FL	F	SD1	6600.0000	59	121	21	35.3	6490	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330
Hexachlorobenzene	HCLBZ	F	SD1	6600.0000	10	152	25	33	5590	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330
Hexachlorobutadiene	HCBU	F	SD1	6600.0000	24	116	26	47.9	7880	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330
Hexachlorocyclopentadiene	HCCP	F	SD1	6600.0000	10	200	50	61.4	8630	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330
Hexachloroethane	HCLEA	F	SD1	6600.0000	40	113	25	46.2	7430	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330
Indeno(1,2,3-cd)pyrene	INP123	F	SD1	6600.0000	10	171	45	54.5	5860	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330
Isophorone	ISOP	F	SD1	6600.0000	21	196	63	47.9	6390	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330
2-Methylnaphthalene	MTNPH2	F	SD1	6600.0000	10	200	50	48.2	6680	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330
2-Methylphenol	MEPH2	F	SD1	6600.0000	10	145	25	52.8	6630	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330
4-Methylphenol	MEPH4	F	SD1	6600.0000	25	135	40	54.8	6180	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330
N-Nitroso-di-n-propylamine	NNSPR	F	SD1	6600.0000	10	230	55	55.4	6780	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330
N-Nitrosodiphenylamine	NNSPH	F	SD1	6600.0000	10	200	50	38	5470	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	330
Naphthalene	NAPH	F	SD1	6600.0000	21	133	30	39.9	6590	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	1650
2-Nitroaniline	NO2ANIL2	F	SD1	6600.0000	10	200	50	38.3	6830	PR	=	UG/KG	06-May-96	1545	07-May-96	1301	SW3550	SW8270	5972	03-19-96	1650
4-Nitroaniline	NO2ANIL4	F	SD1	6600.0000	10	200															

Laboratory ID	CERTES
Project No.	10K70200
Client ID	LABQC
Lab Sample ID	96-0918-00LB1
Lab Batch No.	S-0464

Date Received 07-May-96
Matrix/Basis S/D
Dilution Factor 1
Total Solids(%) 100

Total Petroleum Hydrocarbons

431 458

Compound	Analyte Code	S	QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
TPH	PHC	F	LB1	0.0000	3.9	2.06	PR	J	TR	MG/KG	07-May-96	0900	07-May-96	1300	SW3550	E418.1	IR	05-07-96	10

Laboratory ID CERTES
Project No. 10K70200
Client ID LABQC
Lab Sample ID 96-0918-00BS1
Lab Batch No. S-0464

Date Received 07-May-96
Matrix/Basis S/D
Dilution Factor 1
Total Solids(%) 100

Total Petroleum Hydrocarbons

431 459

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Per Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
TPH	PHC	F	BS1	330.0000	80	120	10	3.9	330	PR	=		MG/KG	07-May-96	0900	07-May-96	1300	SW3550	E418.1	IR	05-07-96	10

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
Project No. 10K70200
Client ID CR-A 111206
Lab Sample ID 96-0918-06MS1
1-h Batch No. S-0464

Date Received 03-May-96
Matrix/Basis S/D
Dilution Factor 1
Total Solids(%) 87.8

Total Petroleum Hydrocarbons

431 460

Compound	Analyte Code	S	CC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL Results	PV CC Q	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	POL
TPH	PHC	F	MS1	330.0000	80	120	10	3.9	378	PR	=	MG/KG	07-May-96	0900	07-May-96	1300	SW3550	E418.1	R	05-07-96	10

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
Project No. 10K70200
Client ID CR-A 111206
Lab Sample ID 96-0918-06SD1
Lab Batch No. S-0464

Date Received 03-May-96
Matrix/Basis S/D
Dilution Factor 1
Total Solids(%) 87.8

431 461

Total Petroleum Hydrocarbons

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
TPH	TPHC	F	SD1	330.0000	80	120	10	3.9	364	PR	=		MG/KG	07-May-96	0900	07-May-96	1300	SW3550	E41B.1	IR	05-07-96	10

Chase A. Thibodaux
Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: LABQC
 Lab Sample ID: 96-0918-00LB1
 Batch No.: 1300

Date Received: 06-May-96
 Matrix/Basis: WIX
 Dilution Factor: 1
 Total Solids(%): N/A

431 462

metals

Compound	Analyte Code	S	QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Antimony	SB	F	LB1	0.0000	0.003	0	PR	U	ND	MG/L	06-May-96	0900	07-May-96	1100	SW3010	SW7040	PE	05-07-96	0.005
Arsenic	AS	F	LB1	0.0000	0.005	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1100	SW3010	SW7060	PE	05-08-96	0.005
Cadmium	CD	F	LB1	0.0000	0.001	0	PR	U	ND	MG/L	06-May-96	0900	07-May-96	1100	SW3010	SW7130	PE	05-07-96	0.001
Lead	PB	F	LB1	0.0000	0.002	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1100	SW3010	SW7421	PE	05-06-96	0.005
Nickel	NI	F	LB1	0.0000	0.005	0	PR	U	ND	MG/L	06-May-96	0900	07-May-96	1100	SW3010	SW6010	TJA	05-07-96	0.01
Selenium	SE	F	LB1	0.0000	0.005	0	PR	U	ND	MG/L	06-May-96	0900	07-May-96	1100	SW3010	SW7740	PE	05-07-96	0.005
Silver	AG	F	LB1	0.0000	0.001	0	PR	U	ND	MG/L	06-May-96	0900	07-May-96	1100	SW3010	SW7760	PE	05-07-96	0.001

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: LABQQC
 Lab Sample ID: 98-0818-00BS1
 Lab Batch No.: 1300

Date Received: 06-May-96
 Matrix/Basis: W/X
 Dilution Factor: 1
 Total Solids(%): N/A

431 463

Metals

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Anly	Date Anly	Time Anly	Prep Meth	Anal Meth	Inst ID	CAL	PQL
Antimony	SB	F	BS1	0.0500	40	140	40	0.003	0.053	PR	=	MGL	06-May-96	0900	07-May-96	1100	SW3010	SW7040	PE	05-07-96	0.005	
Arsenic	AS	F	BS1	0.0500	75	125	25	0.005	0.059	PR	=	MGL	06-May-96	0900	06-May-96	1100	SW3010	SW7080	PE	05-06-96	0.005	
Cadmium	CD	F	BS1	0.0020	75	125	25	0.001	0.0022	PR	=	MGL	06-May-96	0900	07-May-96	1100	SW3010	SW7130	PE	05-07-96	0.001	
Lead	PB	F	BS1	0.0500	75	125	25	0.002	0.052	PR	U	ND	MGL	06-May-96	0900	06-May-96	1100	SW3010	SW7421	PE	05-06-96	0.005
Nickel	NI	F	BS1	0.0000				0.005	0	PR	=	MGL	06-May-96	0900	07-May-96	1100	SW3010	SW8010	TJA	05-07-96	0.01	
Selenium	SE	F	BS1	0.0500	75	125	25	0.005	0.048	PR	=	MGL	06-May-96	0900	07-May-96	1100	SW3010	SW7740	PE	05-07-96	0.005	
Silver	AG	F	BS1	0.0050	75	125	25	0.001	0.0047	PR	=	MGL	06-May-96	0900	07-May-96	1100	SW3010	SW7780	PE	05-07-96	0.001	

Chase A. Thibodaux
Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 111004
 Job Sample ID: 96-0908-27MS1
 Batch No.: 1300

Date Received: 06-May-96
 Matrix/Basis: W/X
 Dilution Factor: 1
 Total Solids(%): N/A

431 464

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Antimony	SB	F	MS1	0.0500	40	140	40	0.003	0.053	PR	=	MGL	06-May-96	0900	07-May-96	1100	SW3010	SW7040	PE	05-07-96	0.005	
Arsenic	AS	F	MS1	0.0500	75	125	25	0.005	0.06	PR	=	MGL	06-May-96	0900	06-May-96	1100	SW3010	SW7060	PE	05-06-96	0.005	
Lead	CD	F	MS1	0.0020	75	125	25	0.001	0.0021	PR	=	MGL	06-May-96	0900	07-May-96	1100	SW3010	SW7130	PE	05-07-96	0.001	
Nickel	NI	F	MS1	0.0500	75	125	25	0.002	0.052	PR	=	MGL	06-May-96	0900	06-May-96	1100	SW3010	SW7421	PE	05-06-96	0.005	
Selenium	SE	F	MS1	0.0500	75	125	25	0.005	0.047	PR	=	MGL	06-May-96	0900	07-May-96	1100	SW3010	SW7740	PE	05-07-96	0.005	
River	AG	F	MS1	0.0050	75	125	25	0.001	0.0047	PR	=	MGL	06-May-96	0900	07-May-96	1100	SW3010	SW7760	PE	05-07-96	0.001	

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 111004
 Lab Sample ID: 98-0808-27SD1
 Lab Batch No.: 1300

Date Received: 06-May-96
 Matrix/Basis: W/X
 Dilution Factor: 1
 Total Solids(%): N/A

431 465

Metals

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Antimony	SB	F	SD1	0.0500	40	140	40	0.003	0.053	PR	=	MGL	06-May-96	0900	07-May-96	1100	SW3010	SW7040	PE	05-07-96	0.005	
Arsenic	AS	F	SD1	0.0500	75	125	25	0.005	0.058	PR	=	MGL	06-May-96	0900	06-May-96	1100	SW3010	SW7060	PE	05-06-96	0.005	
Cadmium	CD	F	SD1	0.0020	75	125	25	0.001	0.0021	PR	=	MGL	06-May-96	0900	07-May-96	1100	SW3010	SW7130	PE	05-07-96	0.00	
Lead	PB	F	SD1	0.0500	75	125	25	0.002	0.053	PR	=	MGL	06-May-96	0900	06-May-96	1100	SW3010	SW7421	PE	05-06-96	0.00	
Nickel	NI	F	SD1	0.0000				0.005	0	PR	U	ND	MGL	06-May-96	0900	07-May-96	1100	SW3010	SW6010	TJA	05-07-96	0.0
Selenium	SE	F	SD1	0.0500	75	125	25	0.005	0.046	PR	=	MGL	06-May-96	0900	07-May-96	1100	SW3010	SW7740	PE	05-07-96	0.005	
Silver	AG	F	SD1	0.0050	75	125	25	0.001	0.0048	PR	=	MGL	06-May-96	0900	07-May-96	1100	SW3010	SW7760	PE	05-07-96	0.001	

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: LABQC
 Lab Sample ID: 96-0918-00LB1
 > Batch No.: 1299

Date Received: 06-May-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 100

431 466

metals

Compound	Analyte Code	S	QC	Spike Level	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Antimony	SB	F	LB1	0.0000	0.1	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1100	SW3050	SW7041	PE	05-07-96	0.5
Arsenic	AS	F	LB1	0.0000	0.1	0	PR	U	ND	MG/KG	06-May-96	0900	06-May-96	1100	SW3050	SW7060	PE	05-06-96	0.5
Cadmium	CD	F	LB1	0.0000	0.02	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1100	SW3050	SW7131	PE	05-07-96	0.1
Lead	PB	F	LB1	0.0000	0.1	0	PR	U	ND	MG/KG	06-May-96	0900	06-May-96	1100	SW3050	SW7421	PE	05-06-96	0.5
Nickel	NI	F	LB1	0.0000	0.2	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1100	SW3050	SW6010	TJA	05-07-96	1
Selenium	SE	F	LB1	0.0000	0.1	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1100	SW3050	SW7740	PE	05-07-96	0.5
Silver	AG	F	LB1	0.0000	0.02	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1100	SW3050	SW7761	PE	05-07-96	0.1

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: LABQC
 Lab Sample ID: 98-0918-00BS1
 Lab Batch No.: 1299

Date Received: 06-May-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 100

431 467

Metals

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	POL
Antimony	SB	F	BS1	5.0000	40	140	40	0.1	5.05	PR	=	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW7041	PE	05-07-96	0.5	
Arsenic	AS	F	BS1	5.0000	75	125	25	0.1	5.35	PR	=	MG/KG	06-May-96	0900	06-May-96	1200	SW3050	SW7060	PE	05-06-96	0.5	
Cadmium	CD	F	BS1	0.2000	75	125	25	0.02	0.2	PR	=	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW7131	PE	05-07-96	0.1	
Lead	PB	F	BS1	5.0000	75	125	25	0.1	5.05	PR	=	MG/KG	06-May-96	0900	06-May-96	1200	SW3050	SW7421	PE	05-06-96	0.5	
Nickel	NI	F	BS1	0.0000				0.2	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW8010	TJA	05-07-96	1
Selenium	SE	F	BS1	5.0000	75	125	25	0.1	4.72	PR	=	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW7740	PE	05-07-96	0.5	
Silver	AG	F	BS1	0.5000	75	125	25	0.02	0.484	PR	=	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW7761	PE	05-07-96	0.1	

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 155808
 Lab Sample ID: 96-0898-06MS1
 Job Batch No.: 1299

Date Received: 30-Apr-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 79.3

431 468

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Antimony	SB	F	MS1	5.0000	40	140	40	0.1	6.60	PR	=	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW7041	PE	05-07-96	0.8	
Arsenic	AS	F	MS1	5.0000	75	125	25	0.1	6.97	PR	=	MG/KG	06-May-96	0900	06-May-96	1200	SW3050	SW7060	PE	05-06-96	0.8	
Cadmium	CD	F	MS1	0.2000	75	125	25	0.03	0.285	PR	=	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW7131	PE	05-07-96	0.1	
Lead	PB	F	MS1	5.0000	75	125	25	0.1	6.54	PR	=	MG/KG	06-May-96	0900	06-May-96	1200	SW3050	SW7421	PE	05-06-96	0.8	
Nickel	NI	F	MS1	0.0000				0.3	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW8010	TJA	05-07-96	1.3
Selenium	SE	F	MS1	5.0000	75	125	25	0.1	5.96	PR	=	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW7740	PE	05-07-96	0.6	
Silver	AG	F	MS1	0.5000	75	125	25	0.03	0.605	PR	=	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW7761	PE	05-07-96	0.1	

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID CR-A 155806
 Lab Sample ID 98-0888-06SD1
 Lab Batch No. 1299

Date Received 30-Apr-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 78.3

431 469

Metals

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Antimony	SB	F	SD1	5.0000	40	140	40	0.1	6.71	PR	=	MG/KG	08-May-96	0900	07-May-96	1200	SW3050	SW7041	PE	05-07-96	0.6	
Arsenic	AS	F	SD1	5.0000	75	125	25	0.1	6.81	PR	=	MG/KG	08-May-96	0900	06-May-96	1200	SW3050	SW7060	PE	05-06-96	0.6	
Cadmium	CD	F	SD1	0.2000	75	125	25	0.03	0.265	PR	=	MG/KG	08-May-96	0900	07-May-96	1200	SW3050	SW7131	PE	05-07-96	0.1	
Lead	PB	F	SD1	5.0000	75	125	25	0.1	6.64	PR	=	MG/KG	08-May-96	0900	06-May-96	1200	SW3050	SW7421	PE	05-06-96	0.6	
Nickel	NI	F	SD1	0.0000				0.3	0	PR	U	ND	MG/KG	08-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	1.3
Selenium	SE	F	SD1	5.0000	75	125	25	0.1	6.24	PR	=	MG/KG	08-May-96	0900	07-May-96	1200	SW3050	SW7740	PE	05-07-96	0.6	
Silver	AG	F	SD1	0.5000	75	125	25	0.03	0.605	PR	=	MG/KG	08-May-96	0900	07-May-96	1200	SW3050	SW7781	PE	05-07-96	0.1	

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: LABQC
 Lab Sample ID: 96-0918-00LB1
 Batch No.: 1301

Date Received: 06-May-96
 Matrix/Basis: W/X
 Dilution Factor: 1
 Total Solids(%): N/A

431 470

Metals

Compound	Analyte Code	S	QC	Spike Level	Lab DL	Results	PV	Lab CC	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aluminum	AL	F	LB1	0.0000	0.05	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.5
Antimony	SB	F	LB1	0.0000	0.01	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.4
Arsenic	AS	F	LB1	0.0000	0.03	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.6
Barium	BA	F	LB1	0.0000	0.004	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.02
Beryllium	BE	F	LB1	0.0000	0.0006	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.003
Cadmium	CD	F	LB1	0.0000	0.009	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.04
Calcium	CA	F	LB1	0.0000	0.02	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.1
Chromium	CR	F	LB1	0.0000	0.01	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.07
Cobalt	CO	F	LB1	0.0000	0.01	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.07
Copper	CU	F	LB1	0.0000	0.007	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.07
Iron	FE	F	LB1	0.0000	0.01	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.06
Lead	PB	F	LB1	0.0000	0.03	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.07
Magnesium	MG	F	LB1	0.0000	0.03	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.3
Manganese	MN	F	LB1	0.0000	0.002	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.02
Molybdenum	MO	F	LB1	0.0000	0.01	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.08
Nickel	NI	F	LB1	0.0000	0.01	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.15
Potassium	K	F	LB1	0.0000	1	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	5
Selenium	SE	F	LB1	0.0000	0.04	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.8
Silver	AG	F	LB1	0.0000	0.01	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.07
Sodium	NA	F	LB1	0.0000	0.05	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.3
Thallium	TL	F	LB1	0.0000	0.04	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.4
Vanadium	V	F	LB1	0.0000	0.008	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.08
Zinc	ZN	F	LB1	0.0000	0.002	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.02

Laboratory ID CERTES
 Project No. 10K70200
 Client ID LABQC
 Lab Sample ID 96-0918-00BS1
 Lab Batch No. 1301

Date Received 06-May-96
 Matrix/Basis W/X
 Dilution Factor 1
 Total Solids(%) N/A

431 471

ICP Metals

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL	
Aluminum	AL	F	BS1	0.0000					0.05	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.5
Antimony	SB	F	BS1	0.0000					0.01	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.4
Arsenic	AS	F	BS1	0.0000					0.03	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.6
Barium	BA	F	BS1	100.0000	80	120	20	0.004	98.9	PR	=		MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.02	
Beryllium	BE	F	BS1	100.0000	80	120	20	0.0006	103	PR	=		MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0	
Cadmium	CD	F	BS1	0.0000					0.009	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.04
Calcium	CA	F	BS1	0.0000					0.02	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.1
Chromium	CR	F	BS1	100.0000	80	120	20	0.01	103	PR	=		MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.07	
Cobalt	CO	F	BS1	100.0000	80	120	20	0.01	104	PR	=		MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.06	
Copper	CU	F	BS1	100.0000	80	120	20	0.007	102	PR	=		MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.07	
Iron	FE	F	BS1	0.0000					0.01	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.5
Lead	PB	F	BS1	0.0000					0.03	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.3
Magnesium	MG	F	BS1	0.0000					0.03	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.02
Manganese	MN	F	BS1	0.0000					0.002	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.08
Molybdenum	MO	F	BS1	0.0000					0.01	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.15
Nickel	NI	F	BS1	0.0000					0.01	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	5
Potassium	K	F	BS1	0.0000					1	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.8
Selenium	SE	F	BS1	0.0000					0.04	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.07
Silver	AG	F	BS1	0.0000					0.01	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.3
Sodium	NA	F	BS1	0.0000					0.05	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.4
Thallium	TL	F	BS1	100.0000	80	120	20	0.04	103	PR	=		MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.08	
Vanadium	V	F	BS1	100.0000	80	120	20	0.008	90.6	PR	=		MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.02	
Zinc	ZN	F	BS1	100.0000	80	120	20	0.002	104	PR	=		MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96		

Chase A. Thibodaux
Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 111304
 Lab Sample ID: 96-0918-13MS1
 Batch No.: 1301

Date Received: 03-May-96
 Matrix/Basis: W/X
 Dilution Factor: 1
 Total Solids(%): N/A

431 472

Metals

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL	
Aluminum	AL	F	MS1	0.0000					0.05	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.5
Antimony	SB	F	MS1	0.0000					0.01	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.4
Vesenic	AS	F	MS1	0.0000					0.03	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.6
Barium	BA	F	MS1	100.0000	80	120	20	0.004	97	PR	=	=	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.02	
Yerillium	BE	F	MS1	100.0000	80	120	20	0.0006	102	PR	=	=	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.003	
Cadmium	CD	F	MS1	0.0000					0.009	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.04
Calcium	CA	F	MS1	0.0000					0.02	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.1
Chromium	CR	F	MS1	100.0000	80	120	20	0.01	108	PR	=	=	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.07	
Cobalt	CO	F	MS1	100.0000	80	120	20	0.01	105	PR	=	=	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.07	
Copper	CU	F	MS1	100.0000	80	120	20	0.007	104	PR	=	=	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.06	
Iron	FE	F	MS1	0.0000					0.01	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.07
Lead	PB	F	MS1	0.0000					0.03	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.5
Magnesium	MG	F	MS1	0.0000					0.03	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.3
Manganese	MN	F	MS1	0.0000					0.002	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.02
Molybdenum	MO	F	MS1	0.0000					0.01	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.08
Nickel	NI	F	MS1	0.0000					0.01	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.15
Potassium	K	F	MS1	0.0000					1	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	5
Selenium	SE	F	MS1	0.0000					0.04	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.8
Silver	AG	F	MS1	0.0000					0.01	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.07
Iodium	NA	F	MS1	0.0000					0.05	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.3
Thallium	TL	F	MS1	100.0000	80	120	20	0.04	106	PR	=	=	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.4	
Vanadium	V	F	MS1	100.0000	80	120	20	0.008	82.7	PR	=	=	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.08	
Zinc	ZN	F	MS1	100.0000	80	120	20	0.002	96.6	PR	=	=	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.02	

Chase A. Thibodaux
Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 111304
 Lab Sample ID: 96-0918-13SD1
 Lab Batch No.: 1301

Date Received: 03-May-96
 Matrix/Basis: W/X
 Dilution Factor: 1
 Total Solids(%): N/A

431 473

ICP Metals

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL	
Aluminum	AL	F	SD1	0.0000					0.05	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.5
Antimony	SB	F	SD1	0.0000					0.01	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.4
Arsenic	AS	F	SD1	0.0000					0.03	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.6
Barium	BA	F	SD1	100.0000	80	120	20	0.004	97.2	PR	=	=	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.02	
Beryllium	BE	F	SD1	100.0000	80	120	20	0.0006	107	PR	=	=	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0	
Cadmium	CD	F	SD1	0.0000					0.009	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.04
Calcium	CA	F	SD1	0.0000					0.02	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.1
Chromium	CR	F	SD1	100.0000	80	120	20	0.01	113	PR	=	=	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.07	
Cobalt	CO	F	SD1	100.0000	80	120	20	0.01	109	PR	=	=	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.07	
Copper	CU	F	SD1	100.0000	80	120	20	0.007	107	PR	*	*	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.06	
Iron	FE	F	SD1	0.0000					0.01	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.07
Lead	PB	F	SD1	0.0000					0.03	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.5
Magnesium	MG	F	SD1	0.0000					0.03	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.3
Manganese	MN	F	SD1	0.0000					0.002	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.08
Molybdenum	MO	F	SD1	0.0000					0.01	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.15
Nickel	NI	F	SD1	0.0000					0.01	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	5
Potassium	K	F	SD1	0.0000					1	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.8
Selenium	SE	F	SD1	0.0000					0.04	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.07
Silver	AG	F	SD1	0.0000					0.01	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.3
Sodium	NA	F	SD1	0.0000					0.05	0	PR	U	ND	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.4
Thallium	TL	F	SD1	100.0000	80	120	20	0.04	110	PR	=	=	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.08	
Vanadium	V	F	SD1	100.0000	80	120	20	0.008	82	PR	=	=	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.02	
Zinc	ZN	F	SD1	100.0000	80	120	20	0.002	101	PR	=	=	MG/L	06-May-96	0900	06-May-96	1200	SW3010	SW6010	TJA	05-06-96	0.02	

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID LABQC
 Job Sample ID 96-0918-00LB1
 Batch No. 1309

Date Received	10-May-96
Matrix/Basis	W/X
Dilution Factor	1
Total Solids(%)	N/A

Analys

431 474

Compound	Analyte Code	S	QC	Spike Level	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Mercury	HG	F	B1	0.0000	0.001	0	PR	U	ND	MG/L	10-May-96	0700	10-May-96	1000	SW7470	SW7470	PE	05-10-96	0.001

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
Project No. 10K70200
Client ID LABQC
Lab Sample ID 96-0918-00BS1
Lab Batch No. 1309

Date Received 10-May-96
Matrix/Basis WX
Dilution Factor 1
Total Solids(%) N/A

Metals

431 475

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Mercury	HG	F	BS1	0.0250	75	125	25	0.001	0.027	PR	=		MG/L	10-May-96	0700	10-May-96	1000	SW7470	SW7470	PE	05-10-96	0.001

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
Project No. 10K70200
Client ID CR-A 111304
Lab Sample ID 96-0918-13MS1
Lab Batch No. 1309

Date Received 03-May-96
Matrix/Basis W/X
Dilution Factor 1
Total Solids(%) N/A

431 476

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Mercury	HG	F	MS1	0.0250	75	125	25	0.001	0.023	PR	=		MG/L	10-May-96	0700	10-May-96	1000	SW7470	SW7470	PE	05-10-96	0.001

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
Project No. 10K70200
Client ID CR-A 111304
Lab Sample ID 98-0918-13SD1
Lab Batch No. 1309

Date Received 03-May-96
Matrix/Basis W/X
Dilution Factor 1
Total Solids(%) N/A

431 477

Metals

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab DL Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Mercury	HG	F	SD1	0.0250	75	125	25	0.001	0.025	PR	=	MG/L	10-May-96	0700	10-May-96	1000	SW7470	SW7470	PE	05-10-96	0.001

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID LABQC
 Lab Sample ID 96-0918-00LB1
 b Batch No. 1302

Date Received 06-May-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 100

431 478

P Metals

Compound	Analyte Code	S	QC	Spike Level	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aluminum	AL	F	LB1	0.0000	5	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	50
Antimony	SB	F	LB1	0.0000	1	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	40
Arsenic	AS	F	LB1	0.0000	3	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	60
Barium	BA	F	LB1	0.0000	0.4	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	2
Beryllium	BE	F	LB1	0.0000	0.06	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	0.3
Cadmium	CD	F	LB1	0.0000	0.9	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	4
Calcium	CA	F	LB1	0.0000	2	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	10
Chromium	CR	F	LB1	0.0000	1	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	7
Cobalt	CD	F	LB1	0.0000	1	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	7
Copper	CU	F	LB1	0.0000	0.7	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	6
Iron	FE	F	LB1	0.0000	1	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	7
Lead	PB	F	LB1	0.0000	3	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	50
Magnesium	MG	F	LB1	0.0000	3	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	30
Manganese	MN	F	LB1	0.0000	0.2	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	2
Molybdenum	MO	F	LB1	0.0000	1	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	8
Nickel	NI	F	LB1	0.0000	1	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	15
Potassium	K	F	LB1	0.0000	100	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	500
Selenium	SE	F	LB1	0.0000	4	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	80
Silver	AG	F	LB1	0.0000	1	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	7
Sodium	NA	F	LB1	0.0000	5	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	30
Thallium	TL	F	LB1	0.0000	4	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	40
Vanadium	V	F	LB1	0.0000	0.8	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	8
Zinc	ZN	F	LB1	0.0000	0.2	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1300	SW3050	SW6010	TJA	05-07-96	2

Laboratory ID CERTES
 Project No. 10K70200
 Client ID LABQC
 Lab Sample ID 96-0918-00BS1
 Lab Batch No. 1302

Date Received 06-May-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 100

431 479

ICP Metals

Compound	Analyte Code	S QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aluminum	AL	F	BS1 0.0000			5	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	50	
Antimony	SB	F	BS1 0.0000			1	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	40	
Arsenic	AS	F	BS1 0.0000			3	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	60	
Barium	BA	F	BS1 100.0000	75	125	40	0.4	105	PR	=	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	2	
Beryllium	BE	F	BS1 100.0000	75	125	40	0.06	104	PR	=	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	0.3	
Cadmium	CD	F	BS1 0.0000			0.9	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	4	
Calcium	CA	F	BS1 0.0000			2	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	10	
Chromium	CR	F	BS1 100.0000	75	125	40	1	104	PR	=	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	7	
Cobalt	CO	F	BS1 100.0000	75	125	40	1	104	PR	=	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	7	
Copper	CU	F	BS1 100.0000	75	125	40	0.7	105	PR	=	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	6	
Iron	FE	F	BS1 0.0000			1	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	7	
Lead	PB	F	BS1 0.0000			3	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	50	
Magnesium	MG	F	BS1 0.0000			3	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	30	
Manganese	MN	F	BS1 0.0000			0.2	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	2	
Molybdenum	MO	F	BS1 0.0000			1	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	8	
Nickel	NI	F	BS1 0.0000			1	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	15	
Potassium	K	F	BS1 0.0000			100	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	500	
Selenium	SE	F	BS1 0.0000			4	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	80	
Silver	AG	F	BS1 0.0000			1	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	7	
Sodium	NA	F	BS1 0.0000			5	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	30	
Thallium	TL	F	BS1 100.0000	75	125	40	4	103	PR	=	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	40	
Vanadium	V	F	BS1 100.0000	75	125	40	0.8	86.4	PR	=	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	8	
Zinc	ZN	F	BS1 100.0000	75	125	40	0.2	104	PR	=	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	2	

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 111204
 Job Sample ID: 98-0918-04MS1
 Batch No.: 1302

Date Received: 03-May-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 89.2

431 480

Metals

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab MDL Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Aluminum	AL	F	MS1	0.0000				5.605 0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	56
Antimony	SB	F	MS1	0.0000				1.121 0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	45
Arsenic	AS	F	MS1	0.0000				3.363 0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	67
Barium	BA	F	MS1	100.0000	75	125	40	0.4 142	PR	=	=	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	2.2
Beryllium	BE	F	MS1	100.0000	75	125	40	0.07 108	PR	=	=	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	0.3
Cadmium	CD	F	MS1	0.0000				1.0 0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	4.5
Calcium	CA	F	MS1	0.0000				2.242 0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	11
Chromium	CR	F	MS1	100.0000	75	125	40	1.121 118	PR	=	=	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	7.8
Boron	CO	F	MS1	100.0000	75	125	40	1.121 101	PR	=	=	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	7.8
Copper	CU	F	MS1	100.0000	75	125	40	0.8 105	PR	=	=	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	8.7
Iron	FE	F	MS1	0.0000				1.121 0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	7.8
Lead	PB	F	MS1	0.0000				3.363 0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	56
Magnesium	MG	F	MS1	0.0000				3.363 0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	34
Manganese	MN	F	MS1	0.0000				0.2 0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	2.2
Molybdenum	MO	F	MS1	0.0000				1.121 0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	9
Nickel	NI	F	MS1	0.0000				1.121 0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	17
Potassium	K	F	MS1	0.0000				112.1 0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	581
Selenium	SE	F	MS1	0.0000				4.484 0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	90
Silver	AG	F	MS1	0.0000				1.121 0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	7.8
Sodium	NA	F	MS1	0.0000				5.605 0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	34
Thallium	TL	F	MS1	100.0000	75	125	40	4.484 107	PR	=	=	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	45
Vanadium	V	F	MS1	100.0000	75	125	40	0.8 138	PR	=	=	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	9
Tin	ZN	F	MS1	100.0000	75	125	40	0.2 118	PR	=	=	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	2.2

Chase A. Thibodaux
 Laboratory Manager

Laboratory ID: CERTES
 Project No.: 10K70200
 Client ID: CR-A 111204
 Lab Sample ID: 96-0918-04SD1
 Lab Batch No.: 1302

Date Received: 03-May-96
 Matrix/Basis: S/D
 Dilution Factor: 1
 Total Solids(%): 89.2

431 481

ICP Metals

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	Cal	PQL
Aluminum	AL	F	SD1	0.0000				5.605	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	56
Antimony	SB	F	SD1	0.0000				1.121	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	45
Arsenic	AS	F	SD1	0.0000				3.363	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	67
Barium	BA	F	SD1	100.0000	75	125	40	0.4	152	PR	=	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	2.2	
Beryllium	BE	F	SD1	100.0000	75	125	40	0.07	110	PR	=	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	0.3	
Cadmium	CD	F	SD1	0.0000				1.0	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	4.5
Calcium	CA	F	SD1	0.0000				2.242	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	11
Chromium	CR	F	SD1	100.0000	75	125	40	1.121	119	PR	=	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	7.8	
Cobalt	CO	F	SD1	100.0000	75	125	40	1.121	108	PR	=	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	7.8	
Copper	CU	F	SD1	100.0000	75	125	40	0.8	112	PR	=	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	8.7	
Iron	FE	F	SD1	0.0000				1.121	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	7.8
Lead	PB	F	SD1	0.0000				3.363	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	56
Magnesium	MG	F	SD1	0.0000				3.363	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	34
Manganese	MN	F	SD1	0.0000				0.2	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	2.2
Molybdenum	MO	F	SD1	0.0000				1.121	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	6
Nickel	NI	F	SD1	0.0000				1.121	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	17
Potassium	K	F	SD1	0.0000				112.1	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	561
Selenium	SE	F	SD1	0.0000				4.484	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	90
Silver	AG	F	SD1	0.0000				1.121	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	7.8
Sodium	NA	F	SD1	0.0000				5.605	0	PR	U	ND	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	34
Thallium	TL	F	SD1	100.0000	75	125	40	4.484	109	PR	=	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	45	
Vanadium	V	F	SD1	100.0000	75	125	40	0.9	133	PR	=	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	9	
Zinc	ZN	F	SD1	100.0000	75	125	40	0.2	116	PR	=	MG/KG	06-May-96	0900	07-May-96	1200	SW3050	SW6010	TJA	05-07-96	2.2	

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID LABQC
 Lab Sample ID 96-0918-00LB1
 Batch No. 1308

Date Received 10-May-96
 Matrix/Basis S/D
 Dilution Factor 1
 Total Solids(%) 100

metals

431 482

Compound	Analyte Code	S	QC	Spike Level	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Mercury	HG	F	LB1	0.0000	0.02	0	PR	U	ND	MG/KG	10-May-96	0700	10-May-96	1000	SW7471	SW7471	PE	05-10-96	0.1

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
Project No. 10K70200
Client ID LABQC
Lab Sample ID 98-0918-00BS1
Lab Batch No. 1308

Date Received 10-May-96
Matrix/Basis S/D
Dilution Factor 1
Total Solids(%) 100

431 483

Metals

Compound	Analyte Code	S QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Mercury	HG	F	BS1	0.2500	75	125	25	0.02	0.26	PR	=	MG/KG	10-May-96	0700	10-May-96	1000	SW7471	SW7471	PE	05-10-96	0.1

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
Project No. 10K70200
Client ID CR-A 111204
Lab Sample ID 96-0918-04MS1
Batch No. 1308

Date Received 03-May-96
Matrix/Basis S/D
Dilution Factor 1
Total Solids(%) 89.2

431 484

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Mercury	HG	F	MS1	0.2500	75	125	25	0.02	0.300	PR	=		MG/KG	10-May-96	0700	10-May-96	1000	SW7471	SW7471	PE	05-10-96	0.1

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
Project No. 10K70200
Client ID CR-A 111204
Lab Sample ID 96-0918-04SD1
Lab Batch No. 1308

Date Received 03-May-96
Matrix/Basis S/D
Dilution Factor 1
Total Solids(%) 89.2

431 485

Metals

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Mercury	HG	F	SD1	0.2500	75	125	25	0.02	0.278	PR	=		MG/KG	10-May-96	0700	10-May-96	1000	SW7471	SW7471	PE	05-10-96	0.1

Chase A. Thibodaux
Laboratory Manager

Laboratory ID CERTES
 Project No. 10K70200
 Client ID LABQC
 Lab Sample ID 96-0918-00LB1
 Lab Batch No. SWV44

Date Received 06-May-96
 Matrix/Basis W/X
 Dilution Factor 1
 Total Solids(%) N/A

431 486

SemiVolatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL	
Acenaphthene	ACNP	F	LB1	0.0000				1.06	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Acenaphthylene	ACNPY	F	LB1	0.0000				1.06	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Anthracene	ANTH	F	LB1	0.0000				1.15	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Benz(a)anthracene	BZAA	F	LB1	0.0000				0.79	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Benz(a)pyrene	BZAP	F	LB1	0.0000				1.27	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Benz(b)fluoranthene	BZBF	F	LB1	0.0000				1.01	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Benz(g,h,i)perylene	BZGHIP	F	LB1	0.0000				1.66	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Benz(k)fluoranthene	BZKF	F	LB1	0.0000				2.62	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Benzoc acid	BZACID	F	LB1	0.0000				1.79	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	50
Benzyl alcohol	BZLAL	F	LB1	0.0000				1.45	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	20
bis(2-Chloroethoxy)methane	BECEM	F	LB1	0.0000				1.32	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
bis(2-Chloroethyl)ether	BIS2CEE	F	LB1	0.0000				1.55	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
bis(2-Chloroisopropyl)ether	BIS2CIE	F	LB1	0.0000				1.69	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
bis(2-Ethylhexyl)phthalate	BIS2EHP	F	LB1	0.0000				2.8	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
4-Bromophenyl-phenyl ether	BPPE4	F	LB1	0.0000				1.01	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Butylbenzylphthalate	BBP	F	LB1	0.0000				1.19	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
4-Chloro-3-methylphenol	C4M3PH	F	LB1	0.0000				1.48	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	20
4-Chloroaniline	CLANIL4	F	LB1	0.0000				1.63	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	20
2-Chlorophenol	CLPH2	F	LB1	0.0000				1.73	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
4-Chlorophenyl-phenyl ether	CPPE4	F	LB1	0.0000				1.07	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
2-Chloronaphthalene	CNPH2	F	LB1	0.0000				0.88	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Chrysene	CHRYSENE	F	LB1	0.0000				0.97	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Di-n-butylphthalate	DNPB	F	LB1	0.0000				1.67	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Di-n-octylphthalate	DNOP	F	LB1	0.0000				1.73	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Dibenzo(a,h)anthracene	DBZAHP	F	LB1	0.0000				1.52	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Dibenzofuran	DBF	F	LB1	0.0000				1.13	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
1,2-Dichlorobenzene	DCBZ12	F	LB1	0.0000				1.56	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
1,3-Dichlorobenzene	DCBZ13	F	LB1	0.0000				1.58	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
1,4-Dichlorobenzene	DCBZ14	F	LB1	0.0000				1.6	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
3,3'-Dichlorobenzidine	DBZD33	F	LB1	0.0000				2.48	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	20
2,4-Dichlorophenol	DCP24	F	LB1	0.0000				1.6	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Diethylphthalate	DEPH	F	LB1	0.0000				1.43	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
2,4-Dimethylphenol	DMP24	F	LB1	0.0000				1.33	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Dimethylphthalate	DMPH	F	LB1	0.0000				1.11	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
2,6-Dinitrotoluene	DNT26	F	LB1	0.0000				1.09	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
2,4-Dinitrophenol	DNP24	F	LB1	0.0000				1.2	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	50
1,6-Dinitro-2-methylphenol	DN46M	F	LB1	0.0000				1.54	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	50
2,4-Dinitrotoluene	DNT24	F	LB1	0.0000				0.99	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Fluoranthene	FLA	F	LB1	0.0000				1.23	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Fluorene	FL	F	LB1	0.0000				1.07	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Hexachlorobenzene	HCLBZ	F	LB1	0.0000				1	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Hexachlorobutadiene	HCBU	F	LB1	0.0000				1.45	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Hexachlorocyclopentadiene	HCCP	F	LB1	0.0000				1.86	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Hexachloroethane	HCLEA	F	LB1	0.0000				1.4	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Indeno(1,2,3-cd)pyrene	INP123	F	LB1	0.0000				1.4	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Isophorone	ISOP	F	LB1	0.0000				1.45	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
2-Methylnaphthalene	MTNP2H2	F	LB1	0.0000				1.46	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
2-Methylphenol	MEPH2	F	LB1	0.0000				1.6	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
4-Methylphenol	MEPH4	F	LB1	0.0000				1.66	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
N-Nitroso-di-n-propylamine	NNSPR	F	LB1	0.0000				1.68	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
N-Nitrosodiphenylamine	NNSPH	F	LB1	0.0000				1.15	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
Naphthalene	NAPH	F	LB1	0.0000				1.21	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
2-Nitroaniline	NO2ANIL2	F	LB1	0.0000				1.16	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	50
4-Nitroaniline	NO2ANIL4	F	LB1	0.0000				2.23	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	50
3-Nitroaniline	NO2ANIL3	F	LB1	0.0000				1.33	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	50
Nitrobenzene	NO2BZ	F	LB1	0.0000				1.5	0	PR	U	ND	UG/L	06-May-96	1000	08-May-96	1455	SW3510	SW8270	5972	03-19-96	10
2-Nitrophenol	NTPH2	F	LB1	0.0000				1.41	0	PR	U	ND	UG/L									

Laboratory ID CERTES
 Project No. 10K70200
 Client ID LABOC
 Lab Sample ID 96-0918-00BS1A
 Lab Batch No. SVV44

Date Received 6-May-96
 Matrix/Basis W/X
 Dilution Factor 1
 Total Solids(%) N/A

431 487

SemiVolatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab MDL	Results	PV CC	Lab Q	Par Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acenaphthene	ACNP	F		200.0000	47	145	28	1.06	164	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	10
Acenaphthylene	ACNPY	F		200.0000	33	145	40	1.06	187	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	10
Anthracene	ANTH	F		200.0000	27	133	32	1.15	131	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	10
Benz(a)anthracene	BZAA	F		200.0000	33	143	28	0.79	142	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	10
Benz(a)pyrene	BZAP	F		200.0000	17	163	39	1.27	165	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	10
Benzo(b)fluoranthene	BZBF	F		200.0000	24	159	39	1.01	154	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	10
Benzo(g,h,i)perylene	BZGHIP	F		200.0000	10	219	59	1.66	126	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	10
Benzo(k)fluoranthene	BZKF	F		200.0000	11	162	32	2.62	176	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	10
Benzoic acid	BZACID	F		200.0000	10	200	50	1.79	75.2	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	50
Benzyl alcohol	BZLAL	F		200.0000	10	200	50	1.45	152	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	20
bis(2-Chloroethoxy)methane	BECEM	F		200.0000	33	184	35	1.32	133	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	10
bis(2-Chloroethyl)ether	BIS2CEE	F		200.0000	12	158	55	1.55	147	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	10
bis(2-Chloroisopropyl)ether	BIS2CIE	F		200.0000	36	166	46	1.69	134	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	10
bis(2-Ethylhexyl)phthalate	BIS2EHP	F		200.0000	8	158	41	2.8	148	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	10
4-Bromophenyl-phenyl ether	BPPE4	F		200.0000	53	127	23	1.01	136	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	10
Butylbenzylphthalate	BBP	F		200.0000	10	152	23	1.19	158	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	10
4-Chloro-3-methylphenol	C4M3PH	F		200.0000	22	147	37	1.48	149	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	20
4-Chloroaniline	CLANIL4	F		200.0000	10	200	50	1.63	151	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	20
2-Chlorophenol	CLPH2	F		200.0000	23	134	29	1.73	176	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	10
4-Chlorophenyl-phenyl ether	CPPE4	F		200.0000	25	158	33	1.07	191	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	10
2-Chloronaphthalene	CNPH2	F		200.0000	60	118	13	0.88	154	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	10
Chrysene	CHRYSENE	F		200.0000	17	168	48	0.97	163	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	10
Di-n-butylphthalate	DNPB	F		200.0000	10	118	17	1.67	128	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	10
Di-n-octylphthalate	DNOP	F		200.0000	4	146	31	1.73	168	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	10
Dibenzo(a,h)anthracene	DBZAHP	F		200.0000	10	227	70	1.52	142	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	10
Dibenzoifuran	DBF	F		200.0000	10	200	50	1.13	165	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	10
1,2-Dichlorobenzene	DCBZ12	F		200.0000	32	129	31	1.56	157	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	10
1,3-Dichlorobenzene	DCBZ13	F		200.0000	10	172	42	1.58	152	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	10
1,4-Dichlorobenzene	DCBZ14	F		200.0000	20	124	32	1.6	153	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	10
3,3'-Dichlorobenzidine	DBZD33	F		200.0000	10	262	71	2.48	171	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	20
2,4-Dichlorophenol	DCP24	F		200.0000	39	135	26	1.6	154	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	10
Diethylphthalate	DEPH	F		200.0000	10	114	27	1.43	198	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	10
2,4-Dimethylphenol	DMP24	F		200.0000	32	119	26	1.33	146	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	10
Dimethylphthalate	DMPH	F		200.0000	10	112	23	1.11	157	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	10
2,6-Dintrotoluene	DNT26	F		200.0000	50	158	30	1.09	154	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	10
2,4-Dinitrophenol	DNP24	F		200.0000	10	191	50	1.2	51.3	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	50
4,6-Dinitro-2-methylphenol	DN46M	F		200.0000	10	181	93	1.54	52.7	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	50
2,4-Dinitrotoluene	DNT24	F		200.0000	39	139	22	0.99	149	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	10
Fluoranthene	FLA	F		200.0000	26	137	33	1.23	136	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	10
Fluorene	FL	F		200.0000	59	121	21	1.07	163	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	10
Hexachlorobenzene	HCLBZ	F		200.0000	10	152	25	1	144	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	10
Hexachlorobutadiene	HCBU	F		200.0000	24	116	26	1.45	174	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	10
Hexachlorocyclopentadiene	HCCP	F		200.0000	10	200	50	1.86	131	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	10
Hexachloroethane	HCLEA	F		200.0000	40	113	25	1.4	153	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	10
Indeno[1,2,3-cd]pyrene	INP123	F		200.0000	10	171	45	1.4	133	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	10
Isophorone	ISOP	F		200.0000	21	198	63	1.45	161	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	10
2-Methylnaphthalene	MTPNH2	F		200.0000	10	200	50	1.46	181	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	10
2-Methylphenol	MEPH2	F		200.0000	10	145	25	1.6	154	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	10
4-Methylphenol	MEPH4	F		200.0000	25	135	40	1.66	146	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	10
N-Nitroso-di-n-propylamine	NNSPR	F		200.0000	10	230	55	1.68	165	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	10
N-Nitrosodiphenylamine	NNSPH	F		200.0000	10	200	50	1.15	126	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	10
Naphthalene	NAPH	F		200.0000	21	133	30	1.21	161	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	10
2-Nitroaniline	NO2ANIL2	F		200.0000	10	200	50	1.16	164	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	50
4-Nitroaniline	NO2ANIL4	F		200.0000	10	200	50	2.23	171	PR	U	ND UG/L	6-May-96	1000	8-May-96	1513	SW3510	SW8270	5972	03-22-96	50
3-Nitroaniline	NO2ANIL3	F		200.0000	10	200</															

Laboratory ID CERTES
 Project No. 10K70200
 Client ID LABQC
 Lab Sample ID 96-0918-00BS1A
 Lab Batch No. SWV44

Date Received 6-May-96
 Matrix/Basis W/X
 Dilution Factor 1
 Total Solids(%) N/A

431 488

SemiVolatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQL
Acenaphthene	ACNP	F		200.0000	47	145	28	1.06	166	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
Acenaphthylene	ACNPY	F		200.0000	33	145	40	1.06	192	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
Anthracene	ANTH	F		200.0000	27	133	32	1.15	135	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
Benz(a)anthracene	BZAA	F		200.0000	33	143	28	0.79	149	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
Benz(a)pyrene	BZAP	F		200.0000	17	163	39	1.27	166	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
Benz(b)fluoranthene	BZBF	F		200.0000	24	159	39	1.01	188	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
Benz(g,h,i)perylene	BZGHIP	F		200.0000	10	219	59	1.66	133	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
Benz(k)fluoranthene	BZKF	F		200.0000	11	162	32	2.62	174	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
Benzoic acid	BZACID	F		200.0000	10	200	50	1.79	86.9	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	50
Benzyl alcohol	BZLAL	F		200.0000	10	200	50	1.45	155	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	20
bis(2-Chloroethoxy)methane	BECEM	F		200.0000	33	184	35	1.32	136	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
bis(2-Chloroethyl)ether	BIS2CEE	F		200.0000	12	158	55	1.55	148	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
bis(2-Chloroisopropyl)ether	BIS2CIE	F		200.0000	36	166	46	1.69	134	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
bis(2-Ethylhexyl)phthalate	BIS2EHP	F		200.0000	8	158	41	2.8	150	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
4-Bromophenyl-phenyl ether	BPPE4	F		200.0000	53	127	23	1.01	140	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
Butylbenzylphthalate	BBP	F		200.0000	10	152	23	1.19	154	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
4-Chloro-3-methylphenol	C4M3PH	F		200.0000	22	147	37	1.48	153	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	20
4-Chloroaniline	CLANIL4	F		200.0000	10	200	50	1.63	197	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	20
2-Chlorophenol	CLPH2	F		200.0000	23	134	29	1.73	179	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
4-Chlorophenyl-phenyl ether	CPPE4	F		200.0000	25	158	33	1.07	200	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
2-Chloronaphthalene	CNPH2	F		200.0000	60	118	13	0.88	166	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
Chrysene	CHRYSENE	F		200.0000	17	168	48	0.97	165	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
Di-n-butylphthalate	DNPB	F		200.0000	10	118	17	1.67	129	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
Di-n-octylphthalate	DNOP	F		200.0000	4	146	31	1.73	159	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
Dibenzo(a,h)anthracene	DBZAH	F		200.0000	10	227	70	1.52	149	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
Dibenzofuran	DBF	F		200.0000	10	200	50	1.13	171	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
1,2-Dichlorobenzene	DCBZ12	F		200.0000	32	129	31	1.56	168	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
1,3-Dichlorobenzene	DCBZ13	F		200.0000	10	172	42	1.58	165	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
1,4-Dichlorobenzene	DCBZ14	F		200.0000	20	124	32	1.6	167	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
3,3'-Dichlorobenzidine	DBZD33	F		200.0000	10	262	71	2.48	181	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	20
2,4-Dichlorophenol	DCP24	F		200.0000	39	135	26	1.6	157	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
Diethylphthalate	DEPH	F		200.0000	10	114	27	1.43	197	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
2,4-Dimethylphenol	DMP24	F		200.0000	32	119	26	1.33	151	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
Dimethylphthalate	DMPH	F		200.0000	10	112	23	1.11	161	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
2,6-Dinitrotoluene	DNT26	F		200.0000	50	158	30	1.09	159	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
2,4-Dinitrophenol	DNP24	F		200.0000	10	191	50	1.2	73.9	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	50
3-Nitro-2-methylphenol	DN46M	F		200.0000	10	181	93	1.54	76.6	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	50
2-Nitrotoluene	DNT24	F		200.0000	39	139	22	0.99	154	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
Fluoranthene	FLA	F		200.0000	26	137	33	1.23	135	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
Fluorene	FL	F		200.0000	59	121	21	1.07	165	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
Hexachlorobenzene	HCLBZ	F		200.0000	10	152	25	1	146	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
Hexachlorobutadiene	HCBU	F		200.0000	24	116	26	1.45	192	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
Hexachlorocyclopentadiene	HCCP	F		200.0000	10	200	50	1.86	154	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
Hexachloroethane	HCLEA	F		200.0000	40	113	25	1.4	175	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
Indeno[1,2,3-cd]pyrene	INP123	F		200.0000	10	171	45	1.4	143	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
Isophorone	ISOP	F		200.0000	21	196	63	1.45	165	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
2-Methylnaphthalene	MTNPH2	F		200.0000	10	200	50	1.46	186	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
2-Methylphenol	MEPH2	F		200.0000	10	145	25	1.6	157	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
4-Methylphenol	MEPH4	F		200.0000	25	135	40	1.66	149	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
N-Nitroso-di-n-propylamine	NNSPR	F		200.0000	10	230	55	1.68	166	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
N-Nitrosodiphenylamine	NNSPH	F		200.0000	10	200	50	1.15	128	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
Naphthalene	NAPH	F		200.0000	21	133	30	1.21	170	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
2-Nitroaniline	NO2ANIL2	F		200.0000	10	200	50	1.16	170	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270	5972	03-22-96	10
4-Nitroaniline	NO2ANIL4	F		200.0000	10	200	50	2.23	185	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SWB270</td			

Laboratory ID CERTES
 Project No. 10K70200
 Client ID LABOC
 Lab Sample ID 96-0918-00BD2
 Lab Batch No. SWV44

Date Received 6-May-96
 Matrix/Basis W/X
 Dilution Factor 1
 Total Solids(%) N/A

431 489

SemiVolatile Organic Compounds

Compound	Analyte Code	S	QC	Spike Level	CL MIN	CL MAX	MAX RPD	Lab MDL	Results	PV CC	Lab Q	Par Q	Units	Date Extr	Time Extr	Date Anly	Time Anly	Prep Meth	Anly Meth	Inst ID	CAL	PQE
Acenaphthene	ACNP	F	BD2	200.0000	47	145	28	1.06	166	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	10
Acenaphthylene	ACNPY	F	BD2	200.0000	33	145	40	1.06	198	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	10
Anthracene	ANTH	F	BD2	200.0000	27	133	32	1.15	141	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	10
Benzol(a)anthracene	BZAA	F	BD2	200.0000	33	143	28	0.79	161	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	10
Benzol(a)pyrene	BZAP	F	BD2	200.0000	17	163	39	1.27	168	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	10
Benzol(b)fluoranthene	BZBF	F	BD2	200.0000	24	159	39	1.01	167	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	10
Benzol(g,h,i)perylene	BZGHIP	F	BD2	200.0000	10	219	59	1.66	125	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	10
Benzol(k)fluoranthene	BZKF	F	BD2	200.0000	11	162	32	2.62	171	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	10
Benzol acid	BZACID	F	BD2	200.0000	10	200	50	1.79	93.8	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	50
Benzyl alcohol	BZLAL	F	BD2	200.0000	10	200	50	1.45	151	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	20
bis(2-Chloroethoxy)methane	BECEM	F	BD2	200.0000	33	184	35	1.32	131	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	10
bis(2-Chloroethyl)ether	BIS2CEE	F	BD2	200.0000	12	158	55	1.55	154	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	10
bis(2-Chloroisopropyl)ether	BIS2CIE	F	BD2	200.0000	36	166	46	1.69	140	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	10
bis(2-Ethylhexyl)phthalate	BIS2EHP	F	BD2	200.0000	8	158	41	2.8	155	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	10
4-Bromophenyl-phenyl ether	BPPE4	F	BD2	200.0000	53	127	23	1.01	139	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	10
Butylbenzylphthalate	BBP	F	BD2	200.0000	10	152	23	1.19	160	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	10
4-Chloro-3-methylphenol	C4M3PH	F	BD2	200.0000	22	147	37	1.48	151	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	20
4-Chloroaniline	CLANIL4	F	BD2	200.0000	10	200	50	1.63	157	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	20
2-Chlorophenol	CLPH2	F	BD2	200.0000	23	134	29	1.73	182	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	10
4-Chlorophenyl-phenyl ether	CPPE4	F	BD2	200.0000	25	158	33	1.07	202	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	10
2-Chloronaphthalene	CNP1H2	F	BD2	200.0000	60	118	13	0.88	160	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	10
Chrysene	CHRYSENE	F	BD2	200.0000	17	168	48	0.97	169	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	10
Di-n-butylphthalate	DNPB	F	BD2	200.0000	10	118	17	1.67	129	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	10
Di-n-octylphthalate	DNOP	F	BD2	200.0000	4	146	31	1.73	175	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	10
Dibenzo(a,h)anthracene	DBZAH	F	BD2	200.0000	10	227	70	1.52	142	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	10
Dibenzofuran	DBF	F	BD2	200.0000	10	200	50	1.13	173	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	10
1,2-Dichlorobenzene	DCBZ12	F	BD2	200.0000	32	129	31	1.56	175	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	10
1,3-Dichlorobenzene	DCBZ13	F	BD2	200.0000	10	172	42	1.58	170	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	10
1,4-Dichlorobenzene	DCBZ14	F	BD2	200.0000	20	124	32	1.6	172	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	10
3,3'-Dichlorobenzidine	DBZD33	F	BD2	200.0000	10	262	71	2.48	178	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	20
2,4-Dichlorophenol	DCP24	F	BD2	200.0000	39	135	26	1.6	158	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	10
Diethylphthalate	DEPH	F	BD2	200.0000	10	114	27	1.43	192	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	10
2,4-Dimethylphenol	DMP24	F	BD2	200.0000	32	119	26	1.33	149	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	10
Dimethylphthalate	DMPH	F	BD2	200.0000	10	112	23	1.11	164	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	10
2,6-Dintrotoluene	DNT26	F	BD2	200.0000	50	158	30	1.09	165	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	10
2,4-Dinitrophenol	DNP24	F	BD2	200.0000	10	191	50	1.2	163	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	50
4,6-Dinitro-2-methylphenol	DN46M	F	BD2	200.0000	10	181	93	1.54	73.5	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	50
2,4-Dinitrotoluene	DNT24	F	BD2	200.0000	39	139	22	0.99	157	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	10
Fluoranthene	FLA	F	BD2	200.0000	26	137	33	1.23	141	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	10
Fluorene	FL	F	BD2	200.0000	59	121	21	1.07	166	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	10
Hexachlorobenzene	HCLBZ	F	BD2	200.0000	10	152	25	1	144	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	10
Hexachlorobutadiene	HCBU	F	BD2	200.0000	24	116	26	1.45	196	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	10
Hexachlorocyclopentadiene	HCCP	F	BD2	200.0000	10	200	50	1.86	128	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	10
Hexachloroethane	HCLEA	F	BD2	200.0000	40	113	25	1.4	179	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	10
Indeno(1,2,3-cd)pyrene	INP123	F	BD2	200.0000	10	171	45	1.4	134	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	10
Isophorone	ISOP	F	BD2	200.0000	21	196	63	1.45	163	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	10
2-Methylnaphthalene	MTNPH2	F	BD2	200.0000	10	200	50	1.46	191	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	10
2-Methylphenol	MEPH2	F	BD2	200.0000	10	145	25	1.6	156	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	10
4-Methylphenol	MEPH4	F	BD2	200.0000	25	135	40	1.66	151	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	10
N-Nitroso-di-n-propylamine	NNSPR	F	BD2	200.0000	10	230	55	1.68	173	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	10
N-Nitrosodiphenylamine	NNSPH	F	BD2	200.0000	10	200	50	1.15	134	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	10
Naphthalene	NAPH	F	BD2	200.0000	21	133	30	1.21	172	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	10
2-Nitroaniline	NO2ANIL2	F	BD2	200.0000	10	200	50	1.16	170	PR	U	ND	UG/L	6-May-96	1000	8-May-96	1553	SW3510	SW8270	5972	03-22-96	50

431 490

TAB

Appendix C

431 491

APPENDIX C
WASTE DISPOSAL MANIFESTS FOR SOIL

RI

No 10868



TURKEY CREEK LANDFILL

9100 S. I-35W

Alvarado, TX 76009

(817) 790-2912

431 492

WASTE MOVEMENT RECORD

Special Waste Acceptance # 57404GENERATOR CERTIFICATE: I, as a representative of
located at: NAS Ft. Worth JRBAFBCAcertify that this shipment consists of 20 cubic yards/tons/gallons of
non-hazardous Soil (name of waste material) and

is classified as follows:

Special Waste Pesticide contaminated

Non hazardous waste. If generated in Texas, it is a Class II waste assigned Waste Code Number _____ by Texas Water Commission ,

Non-hazardous oilfield-related waste from _____ facility or pit,

Wastewater treatment plant, septic tank, grease trap, or grit trap waste from _____ facility or location, or

Pathologic Waste from a health care related facility _____

GENERATOR

PRINTED / TYPED NAME	SIGNATURE	DATE SHIPPED
		Month Day Year
<u>AFBCA/Alan W. Fico</u> <u>NAS Ft. Worth JRB</u>	<u>Alanci Fico</u>	<u>06 06 96</u>

TRANSPORTER

PRINTED / TYPED NAME	SIGNATURE	Month Day Year
<u>Michael Adams</u>	<u>Michael Adams</u>	<u>4 4 96</u>

LANDFILL OPERATOR CERTIFICATE OF RECEIPT OF WASTE

PRINTED / TYPED NAME	SIGNATURE	DATE RECEIVED
		Month Day Year
<u>SUSAN BARRON</u>	<u>Susan Barron</u>	<u>6-6-96</u>

COPIES:

white-generator;

canary-transporter;

pink-landfill

LADOLAW**TURKEY CREEK LANDFILL**

9100 S. I-35W
 Alvarado, TX 76009
 (817) 790-2912

431 493

WASTE MOVEMENT RECORDSpecial Waste Acceptance # 57404

GENERATOR CERTIFICATE: I, as a representative of
 located at: NAS Ft. Worth JRB

AFCBA

certify that this shipment consists of 20 cubic yards/tons/gallons of
 non-hazardous soil (name of waste material) and
 is classified as follows:

Special Waste Pesticide contaminated

Non hazardous waste. If generated in Texas, it is a Class II waste assigned Waste Code Number _____ by Texas Water Commission ,

Non-hazardous oilfield-related waste from _____ facility or pit,

Wastewater treatment plant, septic tank, grease trap, or grit trap waste from _____ facility or location, or

Pathologic Waste from a health care related facility _____

GENERATOR

PRINTED / TYPED NAME	SIGNATURE	DATE SHIPPED Month Day Year
<u>AFCBA / Alan W. Flora NAS Ft. Worth JRB</u>	<u>Alan W. Flora</u>	<u>06 06 96</u>

TRANSPORTER

PRINTED / TYPED NAME	SIGNATURE	Month Day Year
	<u>Robert #132</u>	<u>6 - 6 - 96</u>

LANDFILL OPERATOR CERTIFICATE OF RECEIPT OF WASTE

PRINTED / TYPED NAME	SIGNATURE	DATE RECEIVED Month Day Year
<u>SUSAN BARRON</u>	<u>Susan Barron</u>	<u>6-6-96</u>

LA DO LAW**TURKEY CREEK LANDFILL**

9100 S. I-35W

Alvarado, TX 76009

(817) 790-2912

431 494

WASTE MOVEMENT RECORDSpecial Waste Acceptance # 57404GENERATOR CERTIFICATE: I, as a representative of
located at: NAS Ft. Worth JRBAFBCAcertify that this shipment consists of 20 cubic yards/tons/gallons of
non-hazardous Soil - (name of waste material) and

is classified as follows:

 Special Waste Pesticide contaminated Non hazardous waste. If generated in Texas, it is a Class II waste assigned Waste Code
Number _____ by Texas Water Commission , Non-hazardous oilfield-related waste from _____
facility or pit, Wastewater treatment plant, septic tank, grease trap, or grit trap waste from _____
facility or location, or Pathologic Waste from a health care related facility _____
_____.**GENERATOR**

PRINTED / TYPED NAME	SIGNATURE	DATE SHIPPED Month Day Year
<u>AFBCA / Alan W. Floto</u> <u>NAS Ft. Worth JRB</u>	<u>Alan W. Floto</u>	<u>06 06 96</u>

TRANSPORTER

PRINTED / TYPED NAME	SIGNATURE	Month Day Year
<u>JESSIE HUDSON</u>	<u>Jessie Hudson</u>	<u>06 06 96</u>

LANDFILL OPERATOR CERTIFICATE OF RECEIPT OF WASTE

PRINTED / TYPED NAME	SIGNATURE	DATE RECEIVED Month Day Year
<u>Jennifer</u>	<u>Jennifer</u>	<u>6 6 96</u>

CALIFLAW**TURKEY CREEK LANDFILL**

9100 S. I-35W
 Alvarado, TX 76009
 (817) 790-2912

431 495

WASTE MOVEMENT RECORDSpecial Waste Acceptance # 57404

GENERATOR CERTIFICATE: I, as a representative of
 located at: NAS Ft. Worth TRB

AFBCA

certify that this shipment consists of 20 cubic yards/tons/gallons of
 non-hazardous Soil (name of waste material) and
 is classified as follows:

Special Waste Pesticide contaminated

Non hazardous waste. If generated in Texas, it is a Class II waste assigned Waste Code Number _____ by Texas Water Commission ,

Non-hazardous oilfield-related waste from _____ facility or pit,

Wastewater treatment plant, septic tank, grease trap, or grit trap waste from _____ facility or location, or

Pathologic Waste from a health care related facility _____

GENERATOR

PRINTED / TYPED NAME	SIGNATURE	DATE SHIPPED Month Day Year
AFBCA/ Alan W. Flolo NAS Ft. Worth TRB	<u>Alan W. Flolo</u>	06 06 96

TRANSPORTER

PRINTED / TYPED NAME	SIGNATURE	Month Day Year
George Cowell	<u>George Cowell</u>	6 6 96

LANDFILL OPERATOR CERTIFICATE OF RECEIPT OF WASTE

PRINTED / TYPED NAME	SIGNATURE	DATE RECEIVED Month Day Year
SUSAN BARROW	<u>Susan Barrow</u>	(0-6-96)

LAODOLAN**TURKEY CREEK LANDFILL**

9100 S. I-35W
Alvarado, TX 76009
(817) 790-2912

431 496

WASTE MOVEMENT RECORDSpecial Waste Acceptance # 52404GENERATOR CERTIFICATE: I, as a representative of
located at: NAS Ft. Worth JRBAFCBAcertify that this shipment consists of 20 cubic yards/tons/gallons of
non-hazardous Soil - (name of waste material) and

is classified as follows:

Special Waste Pesticide contaminated

Non hazardous waste. If generated in Texas, it is a Class II waste assigned Waste Code Number _____ by Texas Water Commission ,

Non-hazardous oilfield-related waste from _____ facility or pit,

Wastewater treatment plant, septic tank, grease trap, or grit trap waste from _____ facility or location, or

Pathologic Waste from a health care related facility _____

GENERATOR

PRINTED / TYPED NAME	SIGNATURE	DATE SHIPPED Month Day Year
<u>AFCBA / Alan W. Flores</u> <u>NAS Ft. Worth JRB</u>	<u>Alan W. Flores</u>	<u>06 06 96</u>

TRANSPORTER

PRINTED / TYPED NAME	SIGNATURE	Month Day Year
	<u>Randy HHS 2</u>	<u>6 - 6 - 96</u>

LANDFILL OPERATOR CERTIFICATE OF RECEIPT OF WASTE

PRINTED / TYPED NAME	SIGNATURE	DATE RECEIVED Month Day Year
<u>SUSAN BARROW</u>	<u>Susan Barrow</u>	<u>6- 6- 96</u>

CADDOW

TURKEY CREEK LANDFILL
 9100 S. I-35W
 Alvarado, TX 76009
 (817) 790-2912

431 497

WASTE MOVEMENT RECORDSpecial Waste Acceptance # 52404GENERATOR CERTIFICATE: I, as a representative of
located at: NAS Ft. Worth JRBAFBCAcertify that this shipment consists of 20 cubic yards/tons/gallons of
non-hazardous Soil (name of waste material) and
is classified as follows:

Special Waste Pesticide contaminated

Non hazardous waste. If generated in Texas, it is a Class II waste assigned Waste Code Number _____ by Texas Water Commission ,

Non-hazardous oilfield-related waste from _____ facility or pit,

Wastewater treatment plant, septic tank, grease trap, or grit trap waste from _____ facility or location, or

Pathologic Waste from a health care related facility _____

GENERATOR

PRINTED / TYPED NAME	SIGNATURE	DATE SHIPPED Month Day Year
<u>AFBCA / Alan W. Floto</u> <u>NAS Ft. Worth JRB</u>	<u>Alan W. Floto</u>	<u>06 06 96</u>

TRANSPORTER

PRINTED / TYPED NAME	SIGNATURE	Month Day Year
<u>Glen Plant</u>	<u>Glen Plant #330</u>	<u>6-6-96</u>

LANDFILL OPERATOR CERTIFICATE OF RECEIPT OF WASTE

PRINTED / TYPED NAME	SIGNATURE	DATE RECEIVED Month Day Year
<u>SUSAN BARRON</u>	<u>Susan Barron</u>	<u>6-6-96</u>

RI

No 10874

LAIDLAW**TURKEY CREEK LANDFILL**

9100 S. I-35W

Alvarado, TX 76009

(817) 790-2912

431 498

WASTE MOVEMENT RECORDSpecial Waste Acceptance # 57404GENERATOR CERTIFICATE: I, as a representative of
located at: NAS Ft. Worth JRBAFBCAcertify that this shipment consists of 20 cubic yards/tons/gallons of
non-hazardous Soil (name of waste material) and
is classified as follows: Special Waste Pesticide contaminated. Non hazardous waste. If generated in Texas, it is a Class II waste assigned Waste Code
Number _____ by Texas Water Commission. Non-hazardous oilfield-related waste from _____
facility or pit. Wastewater treatment plant, septic tank, grease trap, or grit trap waste from _____
facility or location, or Pathologic Waste from a health care related facility _____
_____.**GENERATOR**

PRINTED / TYPED NAME

SIGNATURE

DATE SHIPPED
Month Day YearAFBCA/Alan W. Flolo
NAS Ft. Worth JRBAlan W. Flolo06 06 96**TRANSPORTER**

PRINTED / TYPED NAME

SIGNATURE

Month Day Year

#7338JESSIE HUDSONJessie Hudson6-6-96**LANDFILL OPERATOR CERTIFICATE OF RECEIPT OF WASTE**

PRINTED / TYPED NAME

SIGNATURE

DATE RECEIVED
Month Day YearJennifer BrewsterJennifer Brewster6 96

COPIES:

white-generator;

canary-transporter;

pink-landfill

R1

No 10875



TURKEY CREEK LANDFILL

9100 S. I-35W
Alvarado, TX 76009
(817) 790-2912

431 499

WASTE MOVEMENT RECORD

Special Waste Acceptance # 57404GENERATOR CERTIFICATE: I, as a representative of
located at: NAS Ft. Worth ORBcertify that this shipment consists of 2c cubic yards/tons/gallons of
non-hazardous Soil (name of waste material) and
is classified as follows:

Special Waste pesticide contaminated

Non hazardous waste. If generated in Texas, it is a Class II waste assigned Waste Code Number _____ by Texas Water Commission ,

Non-hazardous oilfield-related waste from _____ facility or pit,

Wastewater treatment plant, septic tank, grease trap, or grit trap waste from _____ facility or location, or

Pathologic Waste from a health care related facility _____

GENERATOR

PRINTED / TYPED NAME	SIGNATURE	DATE SHIPPED Month Day Year
<u>AFBCA/Alan W. Flote</u> <u>NAS Ft. Worth ORB</u>	<u>Alan W. Flote</u>	<u>06 06 96</u>

TRANSPORTER

PRINTED / TYPED NAME	SIGNATURE	Month Day Year
<u>George Cowell</u>	<u>George Cowell</u>	<u>06 06 96</u>

LANDFILL OPERATOR CERTIFICATE OF RECEIPT OF WASTE

PRINTED / TYPED NAME	SIGNATURE	DATE RECEIVED Month Day Year
<u>Jennifer Brewster</u>	<u>Jennifer Brewster</u>	<u>6 6 96</u>

COPIES:

white-generator:

canary-transporter:

pink-landfill

CALIFORNIA**TURKEY CREEK LANDFILL**

9100 S. I-35W

Alvarado, TX 76009

(817) 790-2912

431 500

WASTE MOVEMENT RECORDSpecial Waste Acceptance # 57-102

GENERATOR CERTIFICATE: I, as a representative of AFCBCA
 located at: NAS Ft. Worth JRB
 certify that this shipment consists of 20 cubic yards/tons/gallons of
 non-hazardous Soil (name of waste material) and
 is classified as follows:

Special Waste Pesticide-contaminated

Non hazardous waste. If generated in Texas, it is a Class II waste assigned Waste Code Number _____ by Texas Water Commission ,

Non-hazardous oilfield-related waste from _____ facility or pit,

Wastewater treatment plant, septic tank, grease trap, or grit trap waste from _____ facility or location, or

Pathologic Waste from a health care related facility _____

GENERATOR

PRINTED / TYPED NAME	SIGNATURE	DATE SHIPPED Month	Day	Year
<u>AFCBCA / Alan W. Flory</u>	<u>Alan W. Flory</u>	<u>06</u>	<u>06</u>	<u>96</u>
<u>NAS Ft. Worth JRB</u>				

TRANSPORTER

PRINTED / TYPED NAME	SIGNATURE	Month	Day	Year
<u>Michael Hodges</u>	<u>Michael Hodges</u>	<u>06</u>	<u>06</u>	<u>96</u>

LANDFILL OPERATOR CERTIFICATE OF RECEIPT OF WASTE

PRINTED / TYPED NAME	SIGNATURE	DATE RECEIVED Month	Day	Year
<u>Jennifer Brewster</u>	<u>Jennifer Brewster</u>	<u>6</u>	<u>16</u>	<u>96</u>

COPIES:

white-generator;

canary-transporter;

pink-landfill

B2

No 10877

CADDOW

TURKEY CREEK LANDFILL
 9100 S. I-35W
 Alvarado, TX 76009
 (817) 790-2912

431 501

WASTE MOVEMENT RECORDSpecial Waste Acceptance # 57404GENERATOR CERTIFICATE: I, as a representative of
located at: NAS Ft. Worth JRBAFBCAcertify that this shipment consists of 20 cubic yards/tons/gallons of
non-hazardous soil (name of waste material) and
is classified as follows:

Special Waste pesticide contaminated.

Non hazardous waste. If generated in Texas, it is a Class II waste assigned Waste Code
Number _____ by Texas Water Commission ,

Non-hazardous oilfield-related waste from _____
facility or pit,

Wastewater treatment plant, septic tank, grease trap, or grit trap waste from _____
facility or location, or

Pathologic Waste from a health care related facility
_____.

GENERATOR

PRINTED / TYPED NAME	SIGNATURE	DATE SHIPPED Month Day Year
<u>AFBCA / Alan W. Fowl</u> <u>NAS Ft. Worth JRB</u>	<u>Alan W. Fowl</u>	<u>06 06 96</u>

TRANSPORTER

PRINTED / TYPED NAME	SIGNATURE	Month Day Year
<u>Glenn Plant</u>	<u>Glenn Plant #330</u>	<u>6-6-96</u>

LANDFILL OPERATOR CERTIFICATE OF RECEIPT OF WASTE

PRINTED / TYPED NAME	SIGNATURE	DATE RECEIVED Month Day Year
<u>SUSAN BARRON</u>	<u>Susan Barron</u>	<u>6-6-96</u>

COPIES:

white-generator;

canary-transporter;

pink-landfill

CADDOW

TURKEY CREEK LANDFILL
 9100 S. I-35W
 Alvarado, TX 76009
 (817) 790-2912

131 502

WASTE MOVEMENT RECORDSpecial Waste Acceptance # 57404GENERATOR CERTIFICATE: I, as a representative of
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is classified as follows:

 Special Waste pesticide contaminated. Non hazardous waste. If generated in Texas, it is a Class II waste assigned Waste Code Number _____ by Texas Water Commission , Non-hazardous oilfield-related waste from _____ facility or pit, Wastewater treatment plant, septic tank, grease trap, or grit trap waste from _____ facility or location, or Pathologic Waste from a health care related facility _____**GENERATOR**

PRINTED / TYPED NAME	SIGNATURE	DATE SHIPPED Month Day Year
<u>AFBCA / Alan W. Frob</u>	<u>Alan W. Frob</u>	<u>06 06 96</u>
<u>NAS Ft. Worth JRB</u>		

TRANSPORTER

PRINTED / TYPED NAME	SIGNATURE	Month Day Year
	<u>Robert #132</u>	<u>6-6-96</u>

LANDFILL OPERATOR CERTIFICATE OF RECEIPT OF WASTE

PRINTED / TYPED NAME	SIGNATURE	DATE RECEIVED Month Day Year
<u>SUSAN BARRON Susan Barron</u>		<u>6-6-96</u>

COPIES:

white-generator;

canary-transporter;

pink-landfill

336
LADOLCAW

TURKEY CREEK LANDFILL
 9100 S. I-35W
 Alvarado, TX 76009
 (817) 790-2912

431 503

WASTE MOVEMENT RECORDSpecial Waste Acceptance # 57404GENERATOR CERTIFICATE: I, as a representative of
located at: NAS Ft. Worth JRBAFBCAcertify that this shipment consists of 20 cubic yards/tons/gallons of
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Special Waste pesticide contaminated

Non hazardous waste. If generated in Texas, it is a Class II waste assigned Waste Code Number _____ by Texas Water Commission ,

Non-hazardous oilfield-related waste from _____ facility or pit,

Wastewater treatment plant, septic tank, grease trap, or grit trap waste from _____ facility or location, or

Pathologic Waste from a health care related facility _____

GENERATOR

PRINTED / TYPED NAME	SIGNATURE	DATE SHIPPED Month Day Year
<u>AFBCA/Alan W. Fitch</u>		
<u>NAS Ft. Worth JRB</u>	<u>Alan W. Fitch</u>	06 06 96

TRANSPORTER

PRINTED / TYPED NAME	SIGNATURE	Month Day Year
<u>Michael W. Holman</u>	<u>Michael W. Holman</u>	06 06 96

LANDFILL OPERATOR CERTIFICATE OF RECEIPT OF WASTE

PRINTED / TYPED NAME	SIGNATURE	DATE RECEIVED Month Day Year
<u>SUSAN BARROW</u>	<u>Susan Barrow</u>	0-6-96

CADDOLAW**TURKEY CREEK LANDFILL**

9100 S. I-35W

Alvarado, TX 76009

(817) 790-2912

431 504

WASTE MOVEMENT RECORDSpecial Waste Acceptance # 57404

GENERATOR CERTIFICATE: I, as a representative of AFCBCA
 located at: NAS Ft. Worth JRB
 certify that this shipment consists of 20 cubic yards/tons/gallons of
 non-hazardous Soil (name of waste material) and
 is classified as follows:

- Special Waste pesticide contaminated
- Non hazardous waste. If generated in Texas, it is a Class II waste assigned Waste Code Number _____ by Texas Water Commission ,
- Non-hazardous oilfield-related waste from _____ facility or pit,
- Wastewater treatment plant, septic tank, grease trap, or grit trap waste from _____ facility or location, or
- Pathologic Waste from a health care related facility _____

GENERATOR

PRINTED / TYPED NAME	SIGNATURE	DATE SHIPPED Month Day Year
<u>AFCBCA/Alan W. Folsom</u> <u>NAS Ft. Worth JRB</u>	<u>Alan W. Folsom</u>	<u>06 06 96</u>

TRANSPORTER

PRINTED / TYPED NAME	SIGNATURE	Month Day Year
<u>George Crowell</u>	<u>George Crowell</u>	<u>6 6 96</u>

LANDFILL OPERATOR CERTIFICATE OF RECEIPT OF WASTE

PRINTED / TYPED NAME	SIGNATURE	DATE RECEIVED Month Day Year
<u>SUSAN BARRON</u>	<u>Susan Barron</u>	<u>6-6-96</u>

LAW**TURKEY CREEK LANDFILL**

9100 S. I-35W
 Alvarado, TX 76009
 (817) 790-2912

431 505

WASTE MOVEMENT RECORDSpecial Waste Acceptance # 57404

GENERATOR CERTIFICATE: I, as a representative of AFCBCA
 located at: NAS Ft. Worth JRB
 certify that this shipment consists of 20 cubic yards tons/gallons of
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Special Waste pesticide contaminated

- Non hazardous waste. If generated in Texas, it is a Class II waste assigned Waste Code Number _____ by Texas Water Commission ,
- Non-hazardous oilfield-related waste from _____ facility or pit,
- Wastewater treatment plant, septic tank, grease trap, or grit trap waste from _____ facility or location, or
- Pathologic Waste from a health care related facility _____

GENERATOR

PRINTED / TYPED NAME	SIGNATURE	DATE SHIPPED
		Month Day Year
<u>AFCBCA/Aлан W. F. 16</u> <u>NAS Ft. Worth JRB</u>	<u>Sean W. Fenn</u>	<u>06 06 96</u>

TRANSPORTER

PRINTED / TYPED NAME	SIGNATURE	Month Day Year
<u>Glenn Plant</u>	<u>Glenn Plant #330</u>	<u>6 - 6 - 96</u>

LANDFILL OPERATOR CERTIFICATE OF RECEIPT OF WASTE

PRINTED / TYPED NAME	SIGNATURE	DATE RECEIVED
		Month Day Year
<u>SUSAN BARRON Susan Barron</u>		<u>6-4-96</u>

CAOOGAW

TURKEY CREEK LANDFILL
 9100 S. I-35W
 Alvarado, TX 76009
 (817) 790-2912

431 506

WASTE MOVEMENT RECORDSpecial Waste Acceptance # 57404GENERATOR CERTIFICATE: I, as a representative of AFCBCA
 located at: NAS Ft. Worth JRBcertify that this shipment consists of 20 cubic yards/tons/gallons of
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- Special Waste Pesticide contaminated
- Non hazardous waste. If generated in Texas, it is a Class II waste assigned Waste Code Number _____ by Texas Water Commission ,
- Non-hazardous oilfield-related waste from _____ facility or pit,
- Wastewater treatment plant, septic tank, grease trap, or grit trap waste from _____ facility or location, or
- Pathologic Waste from a health care related facility _____

GENERATOR

PRINTED / TYPED NAME	SIGNATURE	DATE SHIPPED Month Day Year
<u>FBCA / Alan W. Flolo</u> <u>NAS Ft. Worth JRB</u>	<u>Alan W. Flolo</u>	<u>06 27 96</u>

TRANSPORTER

PRINTED / TYPED NAME	SIGNATURE	Month Day Year
<u>Geneva Plant</u>	<u>Geneva Plant #330</u>	<u>6 - 7 - 96</u>

LANDFILL OPERATOR CERTIFICATE OF RECEIPT OF WASTE

PRINTED / TYPED NAME	SIGNATURE	DATE RECEIVED Month Day Year
<u>SUSAN BARBON</u>	<u>Susan Barron</u>	<u>6-7-96</u>

COPIES:

white-generator;

canary-transporter;

pink-landfill

CADDOLAW**TURKEY CREEK LANDFILL**

9100 S. I-35W
 Alvarado, TX 76009
 (817) 790-2912

431 507

WASTE MOVEMENT RECORDSpecial Waste Acceptance # 57404

GENERATOR CERTIFICATE: I, as a representative of

located at: NAS Ft. Worth JRBAFBCAcertify that this shipment consists of 20 cubic yards/tons/gallons of
non-hazardous Soil (name of waste material) and
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Non-hazardous oilfield-related waste from _____ facility or pit,

Wastewater treatment plant, septic tank, grease trap, or grit trap waste from _____ facility or location, or

Pathologic Waste from a health care related facility _____

GENERATOR

PRINTED / TYPED NAME	SIGNATURE	DATE SHIPPED Month Day Year
<u>AFBCA / Alan W. Folo</u> <u>NAS Ft. Worth JRB</u>	<u>Alan W. Folo</u>	<u>06 06 96</u>

TRANSPORTER

PRINTED / TYPED NAME	SIGNATURE	Month Day Year
<u>SNAP TRUCKING INC. #123</u> <u>Derrick Taylor</u>	<u>Derrick Taylor</u>	<u>6 - 7 - 96</u>

LANDFILL OPERATOR CERTIFICATE OF RECEIPT OF WASTE

PRINTED / TYPED NAME	SIGNATURE	DATE RECEIVED Month Day Year
<u>Jennifer Brewster</u>	<u>Jennifer Brewster</u>	<u>6 6 96</u>

COPIES:

white-generator;

canary-transporter;

pink-landfill

LAODOLAW**TURKEY CREEK LANDFILL**

9100 S. I-35W

Alvarado, TX 76009

(817) 790-2912

431 508

WASTE MOVEMENT RECORD- Special Waste Acceptance # 57404GENERATOR CERTIFICATE: I, as a representative of AFCBAlocated at: NAS Ft. Worth JRBcertify that this shipment consists of 20 cubic yards/tons/gallons of
non-hazardous Soil (name of waste material) and

is classified as follows:

 Special Waste pesticide contaminated Non hazardous waste. If generated in Texas, it is a Class II waste assigned Waste Code Number _____ by Texas Water Commission , Non-hazardous oilfield-related waste from _____ facility or pit, Wastewater treatment plant, septic tank, grease trap, or grit trap waste from _____ facility or location, or Pathologic Waste from a health care related facility _____**GENERATOR**

PRINTED / TYPED NAME

SIGNATURE

DATE SHIPPED
Month Day YearAFCBA/Alan W. Floto
NAS Ft. Worth JRBAlan W. Floto

06 09 96

TRANSPORTER

PRINTED / TYPED NAME

SIGNATURE

Month Day Year

Tommy DayTommy B. Day (122)

6-7-96

LANDFILL OPERATOR CERTIFICATE OF RECEIPT OF WASTE

PRINTED / TYPED NAME

SIGNATURE

DATE RECEIVED
Month Day YearSUSAN BARRONSusan Barron

6-7-96

CADDOLAW**TURKEY CREEK LANDFILL**

9100 S. I-35W
 Alvarado, TX 76009
 (817) 790-2912

431 509

WASTE MOVEMENT RECORDSpecial Waste Acceptance # 57404

GENERATOR CERTIFICATE: I, as a representative of
 located at: NAS Ft. Worth JRB

AFBCA

certify that this shipment consists of 20 cubic yards/tons/gallons of
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- Wastewater treatment plant, septic tank, grease trap, or grit trap waste from _____ facility or location, or
- Pathologic Waste from a health care related facility _____

GENERATOR

PRINTED / TYPED NAME	SIGNATURE	DATE SHIPPED Month Day Year
<u>AFBCA/Alan W. Fls</u> <u>NAS Ft. Worth JRB</u>	<u>Alan W. Fls</u>	<u>06 06 96</u>

TRANSPORTER

PRINTED / TYPED NAME	SIGNATURE	Month Day Year
	<u>Rufit H/132</u>	<u>6-7-96</u>

LANDFILL OPERATOR CERTIFICATE OF RECEIPT OF WASTE

PRINTED / TYPED NAME	SIGNATURE	DATE RECEIVED Month Day Year
<u>Jennifer Brewster</u>	<u>Jennifer Brewster</u>	<u>6 7 96</u>

LAIDLAW**TURKEY CREEK LANDFILL**

9100 S. I-35W
 Alvarado, TX 76009
 (817) 790-2912

431 510

WASTE MOVEMENT RECORD- Special Waste Acceptance # 57404

GENERATOR CERTIFICATE: I, as a representative of

AFCBAlocated at: NAS Ft. Worth JRBcertify that this shipment consists of 20

(cubic yards)

tons/gallons of (name of waste material) and

non-hazardous Soil

is classified as follows:

 Special Wastepesticide contaminated Non hazardous waste. If generated in Texas, it is a Class II waste assigned Waste Code Number _____ by Texas Water Commission , Non-hazardous oilfield-related waste from _____ facility or pit, Wastewater treatment plant, septic tank, grease trap, or grit trap waste from _____ facility or location, or Pathologic Waste from a health care related facility _____**GENERATOR**

PRINTED / TYPED NAME	SIGNATURE	DATE SHIPPED Month Day Year
<u>AFCBA/Alan W. Folo</u> <u>NAS Ft. Worth JRB</u>	<u>Alan W. Folo</u>	<u>06 06 96</u>

TRANSPORTER

PRINTED / TYPED NAME	SIGNATURE	Month Day Year
<u>George Crowley</u> ¹²⁸	<u>George Crowley</u>	<u>6 7 96</u>

LANDFILL OPERATOR CERTIFICATE OF RECEIPT OF WASTE

PRINTED / TYPED NAME	SIGNATURE	DATE RECEIVED Month Day Year
<u>Jennifer Brewster</u>	<u>Jennifer Brewster</u>	<u>6 7 96</u>

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canary-transporter;

pink-landfill

431 511

TAB

Appendix D

431 512

APPENDIX D
EPA COMMENTS (9/23/97) AND RESPONSE



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
1445 ROSS AVENUE, SUITE 1200
DALLAS, TX 75202-2733

431 513

SEP 23 1997

CERTIFIED MAIL: RETURN RECEIPT REQUESTED

Mr. Mark A. Weegar, Project Coordinator
Texas Natural Resource Conservation Commission
Industrial and Hazardous Waste Division
Corrective Action Section
Federal Facilities Team
P.O. Box 13087
Austin, TX 78711-3087

Re: Comments
Final Technical Report
Interim Remedial Action
Golf Course Maintenance Yard
Naval Air Station Fort Worth Joint Reserve Base
EPA ID No. TX0571924042

Dear Mr. Weegar:

The U.S. Environmental Protection Agency (EPA) has performed a technical review of the U.S. Air Force's (USAF) document titled "Final Technical Report, Interim Remedial Action at the Golf Course Maintenance Yard" (March 1997) for Naval Air Station Fort Worth (NAS FW) Joint Reserve Base (formerly Carswell Air Force Base). Enclosed for your review are EPA's comments on the Final Technical Report. These comments are being provided based on EPA's representation on the BRAC Cleanup Team for NAS FW.

This correspondence is concurrently being sent to USAF for their review and should not be considered as the final regulatory approval of the Final Technical Report. If you have any questions concerning our comments, please call me at (214) 665-7437.

Sincerely yours,

Rafael A. Casanova

Rafael A. Casanova
Remedial Project Manager
BRAC Cleanup Team

Enclosure

cc: Mr. Olen R. Long (BEC/BTC), AFBCA
✓ Mr. Charles Rice, AFCEE

U.S. ENVIRONMENTAL PROTECTION AGENCY COMMENTS
U.S. AIR FORCE
FINAL TECHNICAL REPORT
INTERIM REMEDIAL ACTION AT THE GOLF COURSE MAINTENANCE YARD
NAVAL AIR STATION FORT WORTH JOINT RESERVE BASE

The U.S. Environmental Protection Agency (EPA) has performed a technical review of the U.S. Air Force's (USAF) "Final Technical Report, Interim Remedial Action at the Golf Course Maintenance Yard" (March 1997) for Naval Air Station Fort Worth (NAS FW) Joint Reserve Base (formerly Carswell Air Force Base). The following comments, on the Final Technical Report, are presented alphabetically and by chapter, sections, and pages corresponding to the report.

GENERAL COMMENT

A. Deed Recordation Requirements:

EPA's Comments

USAF's Final Technical Report should include a document intended to be used in fulfilling deed recordation requirements if appropriate.

SPECIFIC COMMENTS

CHAPTER 4.0 - CONCLUSIONS OF THE PRELIMINARY INVESTIGATION

B. Page 4-1:

USAF's Final Technical Report

USAF lists the media-specific concentration (MSC) for dieldrin as 0.00005 mg/L.

EPA's Comments

The MSC for dieldrin should be 5.32E-6.

CHAPTER 5.0 - REMEDIATION ACTIVITIES

- C. Table 5.2-2 - Maximum Detected Metals Concentrations, Comparison to Background Values for Subsurface Soil, Page 5-8:

USAF's Final Technical Report

Table 5.2-2 lists the upper tolerance limits (UTLs) for each of the metals sampled at the maintenance yard.

EPA's Comments

The UTLs for arsenic and beryllium should be 5.533 and 0.957, respectively.

**Final Technical Report
Interim Remedial Action
Golf Course Maintenance Yard
NAS Fort Worth,
Carswell Air Force Base, Texas**

RESPONSE TO REGULATORY COMMENTS

The following response to comments is prepared as part of the Risk-Based Assessment and Closure Report for the Golf Course Maintenance Yard (AOC 9) and Pesticide Rinse Area (SWMU 58) at Carswell Air Force Base, Texas.

1. The EPA Region 6 Office submitted comments (September 23, 1997) in response to the Final Technical Report for the Interim Remedial Action, Golf Course Maintenance Yard, at NAS Fort Worth, Carswell AFB, Texas (Jacobs, March 1997). Their comments are addressed as follows:
 - a. General Comment A: The site is being submitted for closure under TNRCC Risk Reduction Standard No. 1 which has no deed recordation requirement. If the site is ultimately closed under Risk Reduction Standard No. 2, the necessary documents to fulfill the deed recordation requirements will be prepared and submitted as suggested.
 - b. Specific Comment B: It is agreed that the Media-Specific Concentration for dieldrin should be 5.32E-6 mg/l.
 - c. Specific Comment C: The UTLs identified by the reviewer were referenced in the 1997 Draft Basewide Background Study for NAS Fort Worth (Jacobs, 1997). The UTLs utilized in the IRA Final Technical Report were the final UTLs which are referenced in the 1998 Final Basewide Background Study (Jacobs, 1998). The summary of background UTLs from the Final Basewide Background Study is attached.

TABLE ES-1
Summary of Background UTLs by Matrix
Naval Air Station Fort Worth

Analyte	Surface Soil (mg/kg)	Subsurface Soil (mg/kg)	Low-Stress Procedure Groundwater (mg/L)	Bailer Sampled Groundwater (mg/L)	Surface Water (mg/L)	Stream Sediment (mg/kg)
Aluminum	22035	20260	1.332	11.07	0.272	28767
Antimony	0.56	0.712	ND at 0.002	0.0024	0.003	0.33
Arsenic	5.85	6.58	ND at 0.0049	0.0067	ND at 0.0049	7.02
Barium	233	128.1	0.587	1.133	0.151	180.4
Beryllium	1.02	1.13	0.0003	0.0019	ND at 0.0003	1.189
Calcium	167788	272000	266.3	2438	133.7	337544
Cadmium	0.556	0.59	ND at 0.0005	0.0016	ND at 0.0005	0.507
Chromium	25.86	16.31	0.006	0.0136	0.0078	17.0
Cobalt	11.05	6.19	ND at 0.0089	0.01	ND at 0.0089	8.65
Copper	17.37	13.72	0.0028	0.0101	0.010	22.18
Iron	17717	17469	0.224	7.23	0.921	10696
Lead	30.97	12.66	ND at 0.0018	ND at 0.0016	ND at 0.0016	104.1
Magnesium	3003	2420	37.80	68.78	9.35	2772
Manganese	849	351.7	0.175	10.571	0.4193	491
Mercury	0.14	ND at 0.035	ND at 0.0001	ND at 0.0001	0.0001	0.036
Molybdenum	1.460	1.93	ND at 0.0144	ND at 0.0144	ND at 0.0144	9.69
Nickel	14.6	19.76	0.0204	0.036	0.0178	19.8
Potassium	2895	1717	15.03	3.9	6.35	3227
Selenium	0.907	0.313	0.0077	0.0072	0.0025	0.214
Silver	0.213	0.128	0.0002	0.0003	0.0003	0.144
Sodium	37300	53200	167	176.2	45.5	6.07
Thallium	2.43	1.5	ND at 0.0632	ND at 0.0632	ND at 0.0632	ND at 1.32
Vanadium	46.3	37.4	0.012	0.0653	0.0159	32.3
Zinc	38.8	31.3	0.118	0.0682	0.0122	101.3

Notes:

mg/kg = milligrams per kilogram

mg/L = milligrams per liter

ND = not detected

UTL = upper tolerance limit

431 518

FINAL PAGE

ADMINISTRATIVE RECORD

FINAL PAGE

FINAL PAGE

ADMINISTRATIVE RECORD

FINAL PAGE